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Proposed Control Strategy for the State of Alabama

November 1971

Prepared For
Environmental Protection Agency

TRW
SYSTEMS GROUP
WASHINGTON OPERATIONS
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16. Abstracts

The Clean Air Act requires each state government to implement requirements for the prevention, abatement, and control of sulfur oxides, particulate matter, carbon monoxide, nitrogen oxides, hydrocarbons, and photochemical oxidants. The pollutants to be controlled by the proposed control strategy are divided into two sets, Set 1 consisting of particulate matter and sulfur oxides and Set 2 consisting of carbon monoxide, nitrogen oxides, hydrocarbons, and photochemical oxidants. This document fulfills the federal requirements outlined above by presenting the control strategy rules and regulations for the State of Alabama. Section 2.0 of this document presents the legal authority enabling the adoption and enforcement of the control strategy rules and regulations. The rules and regulations are presented in Section 3.0. Section 4.0 presents an analysis of the adequacy of the proposed rules and regulations with respective to attainment and maintenance of the ambient air quality levels below applicable national standards. Appendix A gives the existing (1971) emissions inventory summary for each county in the State.

Also included is the

17. Key Words and Document Analysis. 17a. Descriptors

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PROPOSED CONTROL STRATEGY
FOR THE
STATE OF ALABAMA

November 1971

Prepared For
Environmental Protection Agency
Office of Air Programs

TRW
SYSTEMS GROUP
WASHINGTON OPERATIONS
7600 COLSHIRE DRIVE • McLEAN VIRGINIA 22101

PREFACE

In developing the Proposed Permit System, Proposed Air Quality Surveillance System, Proposed Emergency Episode Plan, and Proposed Control Strategy portions of the Alabama Implementation Plan, TRW Systems Group has been guided by the intent of the Federal Register, August 14, 1971, as well as extensive direct communication with Environmental Protection Agency and Alabama Division of Air Pollution Control personnel.

We are particularly indebted to Barry Gilbert and William Burch of the Region IV office, EPA and William Willis, John Daniel, and Cecil Cork of the Alabama Division of Air Pollution Control for their overall guidance on this project.

A large number of TRW people participated in this project; those with the most direct involvement are listed below.

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1. INTRODUCTION

The Clean Air Act, as amended, requires each state government to implement requirements for the prevention, abatement, and control of sulfur oxides, particulate matter, carbon monoxide, nitrogen oxides, hydrocarbons, and photochemical oxidants, such that: (1) where existing ambient levels of a pollutant exceed the levels specified by an applicable primary or secondary national standard, the requirements shall provide the degree of emission reduction necessary for attainment and maintenance of such national standard and (2) where existing ambient levels of a pollutant are below the levels specified by an applicable secondary standard, the requirements shall be adequate to prevent such ambient pollutant levels from exceeding such secondary standard.

The period of compliance with these requirements is specified as not later than three years after the federal approval of the plan. If, however, the necessary technology or alternatives are not available soon enough to permit full implementation of the plan within the three-year period, a two-year extension may be requested. Assuming the plan, as presented in this and other documents, will be approved in 1972, the requirements of the plan must be implemented by 1975, or, if an extension is granted, by 1977.

The pollutants to be controlled by the proposed control strategy are divided into two sets, Set 1 consisting of particulate matter and sulfur oxides and Set 2 consisting of carbon monoxide, nitrogen oxides, hydrocarbons, and photochemical oxidants. Since photochemical oxidants are secondary pollutants, they cannot be controlled directly. As a result, the control strategy for the Set 2 pollutant applies to carbon monoxide, nitrogen oxides, and hydrocarbons only. By using relationships between photochemical oxidants and hydrocarbons presented in the Federal Register*,

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* Unless otherwise noted, Federal Register means Federal Register, Vol. 36, No. 158 - Saturday, August 14, 1971.

the necessary reduction in photochemical oxidants is assumed to be accomplished by a proportional reduction in hydrocarbons.

This document fulfills the federal requirements outlined above by presenting the control strategy rules and regulations for the State of Alabama and demonstrating that the control strategy, implemented by 1975, can control particulate matter, sulfur oxides and nitrogen oxides emissions such that the applicable national secondary standard for these pollutants will not be exceeded by or after 1975 and can control carbon monoxide and hydrocarbons such that the applicable national standards for these pollutants will not be exceeded by or after 1977.

Section 2.0 of this document presents the legal authority enabling the adoption and enforcement of the control strategy rules and regulations.

The rules and regulations are presented in Section 3.0. These rules reflect a compromise between the most stringent control technically feasible and the minimum control necessary to maintain air quality at a level below the national standards. To provide a basis for the degree of control to be applied, the concept of Class 1 and Class 2 counties has been developed in which less stringent control for the Set 1 pollutants are required in the Class 2 counties. The county classification criteria (Rule 1.d.) are based on the existing pollutant problems and the urban or rural nature of the county.

Since the national standards applicable to the Set 2 pollutants (carbon monoxide and hydrocarbons) cannot be met by 1975, the most stringent stationary source controls feasible have been applied to these pollutants for both Class 1 and Class 2 counties. Control of auto emissions (which account for the major portion of the Set 2 pollutant concentrations) will be accomplished through application of the Federal Motor Vehicle emissions standards (promulgated pursuant to Section 202 of the Clean Air Act).

Section 4.0 presents an analysis of the adequacy of the proposed rules and regulations with respective to attainment and maintenance of the ambient air quality levels below applicable national standards. The adequacy of the control strategy is demonstrated through use of a "rollback" technique for example regions which compares the percent emission reduction achieved (as a result of the strategy application) to the percent emission reduction required. The analysis shows that, with the exception of carbon monoxide and hydrocarbons, the applicable national standards will not be exceeded by or after 1975. For carbon monoxide and hydrocarbons the analysis shows that the applicable national standards will not be exceeded by or before 1977. Since the combination of the Alabama control strategy (for stationary sources) and the Federal Motor Vehicle Standards produce sufficient control by and after 1977, no transportation controls are proposed.

Appendix A gives the existing (1971) emissions inventory summary for each county in the State. These data were taken from the computer printout of the emissions inventory for the State of Alabama*.

Appendix B gives emission summaries for each region analyzed showing a comparison between the existing (1971) emissions and the emissions expected after strategy application (1975 for Set 1 pollutants and 1977 for Set 2 pollutants).

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*Final Report on the Emissions Inventory for the State of Alabama, prepared by TRW under Contract No. 68-02-0048, Task Order 1.

2. LEGAL AUTHORITY

The set of emission limitations provided for in the Control Strategy Plan is authorized by the enabling legislation, Act No. 769, 1971, Regular Session of the Alabama Legislature, as cited below. In general, this legislation (1) expresses the intent of the Alabama Legislature to assign responsibility for the determination of emission limitations and (2) conveys to those designated, specific powers for carrying out their responsibilities in the most effective manner.

1. The authority to adopt the emission standards, limitations and other measures set forth in this document; Sections 5 and 10.
2. The authority to enforce the applicable laws, regulations, and standards and to seek injunctive relief; Section 17.

The legal authority for and the rules and regulations pertaining to items listed below are given in the document, Proposed Permit System for the State of Alabama.

1. Prevention of construction, modification, or operation of any stationary source at any location where emissions from such source will prevent the attainment or maintenance of a national standard.
2. Collection of information necessary to determine whether air pollution sources are in compliance with applicable laws, regulations, and standards, including authority to require record keeping and to make inspections and conduct tests of air pollution sources.
3. Requirements for owners and operators of stationary sources to install, maintain, and use emission monitoring devices and to make periodic reports to the State on the nature and amounts of emissions from such stationary sources; also authority for the State to make such data available to the public as reported and as correlated with the applicable emission standards or limitations.

3. CONTROL REGULATIONS

Rule 1. DEFINITIONS

a. Control means any device which has the function of controlling the emissions from a process, fuel-burning, or refuse-burning device and thus reduces the creation of, or the emission of air contaminants into the atmosphere, or both.

b. Control Strategy means a collection of various emission standards selected for the different categories of sources.

c. Control Regulation means a legally enforceable emission control strategy.

d. County Classification means the designation Class 1 County or Class 2 County. All facilities, plants or other installations shall be subject to the restrictions on air pollution emissions specific to the county classification of the county in which they are located.

   (1) A Class 2 County is defined as a county in which:

      (a) More than 50 percent of the county population resides in a non-urban place, as defined by the U.S. Department of Commerce Census Bureau for 1970.

      (b) No secondary Nation Ambient Air Quality standard is being exceeded based on 1971 air quality measurements.

   (2) A Class 1 County is defined as a county in which either Rule 1.d.(1)(a) or (b) or both are not met.

e. Effluent Water Separator means any tank, box, sump, or other container in which any volatile organic compound floating on or entrained or contained in water entering such tank, box, sump, or other container is physically separated and removed from such water prior to outfall, drainage, or recovery of such water.

f. Fuel-Burning Equipment means any equipment, device, or contrivance and all appurtenances thereto, including ducts, breechings, fuel-feeding equipment, ash removal equipment, combustion controls, stacks and chimney, used primarily, but not exclusively, to burn any fuel for the purpose of indirect heating in which the material being heated is not contacted by and adds no substance to the products of combustion.

g. Fugitive Dust means solid air-borne particulate matter emitted from any source other than a flue or stack.

h. Heat Available means the aggregate heat content of all fuels whose products of combustion pass through a stack or stacks.

i. Heat Input means the equipment manufacturer's or designer's guaranteed maximum (whichever is greater) capacity of the fuel combustion unit.

j. Incinerator means any equipment, device or contrivance and all appurtenances thereof used for the destruction by burning of solid, semi-solid, liquid, or gaseous combustible wastes.

k. Maximum Process Weight Per Hour means the equipment manufacturer's or designer's guaranteed maximum (whichever is greater) process weight per hour.

l. Multiple Chamber Incinerator means any incinerator consisting of three or more refractory lined combustion chambers in series, physically separated by refractory walls, interconnected by gas passage ports or ducts and employing adequate design parameters necessary for maximum combustion of the material to be burned.

m. New Source means equipment, machines, devices, articles, contrivances, or installations built or installed on or after the effective date of these regulations, and installations existing at said stated time which are later altered, repaired, or rebuilt. Any equipment moved to another premise involving a change of address, or purchased and to be operated by a new owner, or when a new lessee desires to operate such equipment after the effective date of these regulations shall be considered a new source.

n. Odor means smells or aromas which are unpleasant to persons, or which tend to lessen human food and water intake, interfere with sleep, upset appetite, produce irritation of the upper respiratory tract, or cause symptoms of nausea, or which by their inherent chemical or physical nature, or method of processing, are, or may be, detrimental or dangerous to health. Odor and smell are used interchangeably herein.

o. Opacity means the obscuration to an observer's view produced by smoke of any color that is equivalent to an obscuration by smoke of a shade specified in the Ringelmann Smoke Chart published by the United States Bureau of Mines.

p. Open Burning means the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the ambient air without passing through an adequate stack, duct, or chimney.

q. Operating Time means the number of hours per year that a source conducts operations.

r. Particulate Matter means finely divided material, except uncombined water which is a liquid or a solid at standard conditions of temperature at 68°F and pressure at 14.7 pounds per square inch absolute.

s. Process means any action, operation, or treatment of materials, including handling and storage thereof, which may cause discharge of an air contaminant, or contaminants, into the atmosphere, but excluding fuel burning and refuse burning.

t. Process Weight means the total weight in pounds of all materials introduced into any specific process which may cause any discharge into the atmosphere.

u. Process Weight Per Hour means the total weight of all materials introduced into any specific process that may cause any discharge of particulate matter. Solid fuels charged will be considered as part of the process weight, but liquid and gaseous fuels and combustion air will not. For a cyclical or batch operation, the process weight per hour will be derived by dividing the total process weight by the number of hours in one complete operation from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle. For a continuous operation, the process weight per hour will be derived by dividing the process weight for a typical period of time by that time period.

v. Refuse means matter consisting of garbage, rubbish, ashes, street debris, dead animals, abandoned vehicles, industrial wastes, demolition wastes, construction wastes, special wastes, or sewage treatment residue.

w. Ringelmann Chart means the chart published and described in U.S. Bureau of Mines Information Circular 8333.

x. Smoke means small gas-borne particles resulting from incomplete combustion, consisting predominantly, but not exclusively, of carbon, ashes, or other combustible material.

y. Soiling Index means a measure of the soiling properties of suspended particles in air determined by drawing a measured volume of air through a known area of Whatman No.4 filter paper for a measured period of time, expressed as COHs/1,000 linear feet.

z. Source means any physical arrangement, condition, or structure which may emit air contaminants. Any activity which utilizes abrasives or chemicals for cleaning or any other purpose which emits air contaminants such as cleaning the exterior of buildings shall be considered a source and shall be required to obtain a permit to operate and comply with any other applicable parts.

a.a. Stack means any chimney, flue, conduit, or duct that is arranged, or used, to conduct a gaseous or particulate effluent, or both, to the open air.

b.b. Submerged Fill Pipe means any fill pipe, the discharge opening of which is entirely submerged when the liquid level is 6 inches above the bottom of the tank; or when applied to a tank which is loaded from the side, shall mean any fill pipe, the discharge opening of which is entirely submerged when the liquid level is two times the fill pipe diameter, in inches, above the bottom of the tank.

c.c. Use Factor means the ratio of the equipment manufacturer's or designer's guaranteed maximum (whichever is greater) source capacity divided by the source usage.

(1) Fuel Combustion Sources

The Use Factor for fuel combustion sources is defined as the ratio of the Heat Input divided by the Heat Available.

(2) Process Sources

The Use Factor for process sources is defined as the ratio of the Maximum Process Weight Per Hour divided by the Process Weight Per Hour.

d.d. Volatile Organic Compounds mean any compound containing carbon and hydrogen or containing carbon and hydrogen in combination with any other element which has a vapor pressure of 1.5 pounds per square inch absolute or greater under actual storage conditions.

Rule 2. CONTROL OF OPEN BURNING AND INCINERATION

a. Open Burning

No person shall ignite, cause to be ignited, permit to be ignited, or maintain any open fire except as follows:

(1) Open fires for the cooking of food for human consumption on other than commercial premises;

(2) Fires for recreational or ceremonial purposes;

(3) Fires to abate a fire hazard, providing the hazard is so declared by the fire department or fire district having jurisdiction;

(4) Fires for prevention or control of disease or pests;

(5) Fires for training personnel in the methods of fighting fires;

(6) Fires for the disposal of dangerous materials, where there is no alternate method of disposal and burning is approved by the Director.

(7) Fires for the disposal of leaves on other than commercial premises;

(8) Open fires specifically approved by the Director.

b. Incinerator Design and Operation

(1) All new incinerators and all existing incinerators within 18 months after adopted date of this regulation shall be multiple-chamber incinerators, provided that the Director may approve any other type of incincerator if it is demonstrated such design provides equivalent performance.

(2) No person shall operate or cause or permit the operation of any incinerator at any time other than between the hours of 10 a.m. and 4 p.m. This restriction shall not apply to incinerators having a refuse-burning capacity of five tons per hour or more.

(3) Incinerators shall be designed and operated in such a manner as is necessary to prevent the emission of objectionable odors.

(4) No person shall cause or permit to be emitted into the open air from any incinerator, particulate matter in the exhaust gases to exceed 0.10 pounds per 100 pounds of refuse charged.

(5) Emission tests shall be conducted at maximum burning capacity of the incinerator.

(6) The burning capacity of an incinerator shall be the manufacturer's or designer's guaranteed maximum rate or such other rate as may be determined by the Director in accordance with good engineering practices. In case of conflict, the determination made by the Director shall govern.

(7) For the purposes of this regulation, the total of the capacities of all furnaces within one system shall be considered as the incinerator capacity.

Rule 3. CONTROL OF PARTICULATE EMISSIONS

a. Visible Emissions

(1) Visible Emissions Restrictions for Stationary Sources

(a) No person shall discharge into the atmosphere from any single source of emission whatsoever any air contaminant of a shade or density equal to or darker than that designated as No.1 on the Ringelmann chart or 20 percent opacity.

(b) A person may discharge into the atmosphere from any single source of emission for a period or periods aggregating not more than three minutes in any 60 minutes air contaminants of a shade of density not darker than that designated as No.3 on the Ringelmann chart or 60 percent opacity.

(2) Visible Emission from Mobile Sources

No person shall operate, or cause to be operated upon any street, highway, public place, stream or waterway, within the State of Alabama any internal combustion engines of any motor vehicle, boat, tug or other vehicle, while stationary or moving, which emits from any source any unreasonable and excessive smoke or objectional odor.

(3) Visible Emissions

No person shall cause or permit the discharge of visible emissions beyond the lot line of the property on which the emissions originate.

(4) Uncombined Water

Where the presence of uncombined water is the only reason for failure of an emission to meet the requirements of this regulation (Rule 3.a.), such sections shall not apply.

b. Fugitive Dust

(1) No person shall cause, suffer, allow, or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions shall include, but not be limited to, the following:

(a) Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;

(b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, materials stock piles, and other surfaces which can create airborne dusts;

(c) Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operations.

(2) When dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance or to violate any regulation, the Director may order that the building or equipment in which processing, handling and storage are done be tightly closed and ventilated in such a way that all air and gases and air or gas-borne material leaving the building or equipment are treated by removal or destruction of air contaminants before discharge to the open air.

c. Fuel Burning Equipment

(1) Class 1 Counties: No person shall cause or permit the emission of particulate matter from fuel-burning equipment in a Class 1 county in excess of the amount shown in Table 3-1 for the heat input allocated to such source. For sources in Class 1 counties, interpolation of the data in Table 3-1 for heat input values between 10 million BTU/hr and 250 million BTU/hr shall be accomplished by the use of the equation:

$$E = 1.58H^{-0.50}$$

where: E = Emissions in lb/million BTU
H = Heat Input in millions of BTU/hr

(2) Class 2 Counties: No person shall cause or permit the emission of particulate matter from fuel-burning equipment in a Class 2 county in excess of the amount shown in Table 3-1 for the heat input allocated to such source. For sources in Class 2 counties, interpolation of the data in Table 3-1 for heat input values between 10 million BTU/hr and 250 million BTU/hr shall be accomplished by the use of the equation:

$$E = 3.54H^{-0.65}$$

where: E = Emissions in lb/million BTU
H = Heat Input in millions of BTU/hr

TABLE 3-1 ALLOWABLE PARTICULATE MATTER EMISSION BASED ON HEAT INPUT

Heat Input (millions of BTU/hr)	Allowable Emission (lb/million BTU) Class 1 County	Class 2 County
1.	.5	.8
10.	.5	.8
20.	.35	.51
40.	.25	.33
60.	.20	.25
80.	.18	.21
100.	.16	.18
150.	.13	.14
200.	.11	.12
250.	.1	.1
1,000,000.	.1	.1

(3) For purposes of this regulation (Rule 3.c), the total heat input from all similar fuel combustion units at a plant or premises shall be used for determining the maximum allowable emission of particulate matter that passes through a stack or stacks. The allowable emissions on an annual basis shall be calculated by the use of the equation:

$$AE = \frac{E\ H\ OT}{2000\ UF}$$

where: AE = Annual emission rate in tons/year
E = Emission rate as determined by Rule 3.c. in lb/million BTU
H = Heat input in millions of BTU/hr
OT = Source operating time in hours/year
UF = Use factor.

(4) No person shall cause or permit the type or quantity of fuel utilized by a source to be changed in such a manner that the source particulate matter emissions are increased. The existing type and quantity of fuels utilized by a source are defined as those fuels in use in 1971.

(5) New sources emitting particulate matter shall be subject to the regulations for Class 1 Counties, Rule 3.c.(1).

d. Process Industries - General

(1) Class 1 Counties: No person shall cause or permit the emission of particulate matter in any one hour from any source in a Class 1 county in excess of the amount shown in Table 3-2 for the process weight per hour allocated to such source. For sources in Class 1 counties, interpolation of the data in Table 3-2 for the process weight per hour values up to 60,000 lbs/hr shall be accomplished by use of the equation:

$$E = 3.59\ P^{0.62} \qquad P \leq 30 \text{ tons/hr}$$

and interpolation and extrapolation of the data for process weight per hour values in excess of 60,000 lbs/hr shall be accomplished by use of the equation:

$$E = 17.31\ P^{0.16} \qquad P > 30 \text{ tons/hr}$$

where: E = Emissions in pounds per hour
P = Process weight per hour in tons per hour.

(2) Class 2 Counties: No person shall cause or permit the emission of particulate matter in any one hour from any

TABLE 3-2 ALLOWABLE PARTICULATE MATTER EMISSION BASED ON PROCESS WEIGHT RATE

Process Weight Rate (lb/hr)	Allowable Emission Rate (lb/hr)	
	Class 1 County	Class 2 County
100	0.55	0.55
500	1.53	1.61
1,000	2.25	2.58
5,000	6.34	7.58
10,000	9.23	12.00
20,000	14.99	19.20
60,000	29.60	40.00
80,000	31.19	42.50
120,000	33.28	46.30
160,000	34.85	49.00
200,000	36.11	51.2
1,000,000	46.72	69.00

source in a Class 2 county in excess of the amount shown in Table 3-2 for the process weight per hour allocated to such source. For sources in Class 2 counties interpolation of the data in Table 3-2 for the process weigh per hour values up to 60,000 lbs/hr shall be accomplished by use of the equation:

$$E = 4.10\ P^{0.67} \qquad P \leq 30 \text{ tons/hr}$$

and interpolation and extrapolation of the data for process weight per hour values in excess of 60,000 lbs/hr shall be accomplished by use of the equation:

$$E = 55.0\ P^{0.11} \qquad P > 30 \text{ tons/hr}$$

where: E = Emissions in pounds per hour
P = Process weight per hour in tons per hour.

(3) Where the nature of any process or operation or the design of any equipment is such as to permit more than one interpretation of this regulation (Rule 3.d), the interpretation that results in the minimum value for allowable emission shall apply.

(4) For purposes of this regulation (Rule 3.d), the total process weight from all similar process units at a plant or premises shall be used for determining the maximum allowable emission of particulate matter that passes through a stack or stacks. The allowable emissions on an annual basis shall be calculated by the use of the equation:

$$AE = \frac{E\ OT}{2000\ UF}$$

where: AE = Annual emission rate in tons/year
E = Emission rate as determined by Rule 3.d in lbs/hr
OT = Source operating time in hours/year
UF = Use factor

(5) New sources emitting particulate matter shall be subject to the regulations for Class 1 counties, Rule 3.d.(1).

Rule 4. CONTROL OF SULFUR COMPOUND EMISSIONS

a. Fuel Combustion

(1) Class 1 Counties. No person shall cause or permit the operation of a fuel burning installation in a Class 1 county in such a manner that sulfur oxides, measured

as sulfur dioxide, are emitted in excess of 1.0 pound per million BTU heat input.

(2) Class 2 Counties. No person shall cause or permit the operation of a fuel burning installation in a Class 2 county in such a manner that sulfur oxides, measured as sulfur dioxide, are emitted in excess of 1.5 pounds per million BTU heat input.

(3) For purposes of this regulation (Rule 4.a), the total heat input from all similar fuel combustion units at a plant or premises shall be used for determining the maximum allowable emission of sulfur dioxide that passes through a stack or stacks. The allowable emissions on an annual basis shall be calculated by the use of the equation:

$$AE = \frac{E\ H\ OT}{2000\ UF}$$

where: AE = Annual emission rate in tons/year
E = Emission rate as determined by Rule 4.a in lbs/million BTU
H = Heat input in millions of BTU/hr
OT = Source operating time in hours/year
UF = Use factor

(4) No person shall cause or permit the type or quantity of fuel utilized by a source to be changed in such a manner that the source sulfur dioxide emission is increased. The existing type and quantity of fuels utilized by a source are defined as those fuels in use in 1971.

(5) New sources emitting sulfur oxides, measured as sulfur dioxide, shall be subject to the regulations for Class 1 counties, Rule 4.a.(1).

(6) No person shall cause or permit the emission or combustion of any refinery process gas stream or any other process gas stream that contains H_2S in concentrations greater than 150 ppm without removal of the hydrogen sulfide in excess of this concentration.

b. Sulfuric Acid Plants

(1) No person shall cause or permit sulfur dioxide tail gas emissions from sulfuric acid manufacturing plants to exceed 6.5 lb/ton of 100 percent acid produced. The tail gas acid mist emissions are not to exceed 0.5 lb/ton of acid produced and the sulfur trioxide emissions are not to exceed 0.2 lb/ton of acid produced.

c. Sulfur Recovery Plants

(1) No person shall cause or permit the sulfur oxide emission from a sulfur recovery plant to exceed 0.01 pounds per pound of sulfur processed.

Rule 5. CONTROL OF HYDROCARBON EMISSIONS FROM STATIONARY SOURCES

a. Storage of Volatile Organic Materials

(1) No person shall place, store, or hold in any stationary tank reservoir or other container of more than 40,000 gallons capacity any volatile organic compounds unless such tank, reservoir, or other container is a pressure tank capable of maintaining working pressures sufficient at all times to prevent vapor or gas loss to the atmosphere or is designed, and equipped with one of the following vapor loss control devices:

(a) A floating roof, consisting of a pontoon type, double deck type roof or internal floating cover, which will rest on the surface of the liquid contents and be equipped with a closure seal or seals to close the space between the roof edge and tank wall. This control equipment shall not be permitted if the volatile organic compounds have a vapor pressure of 11.0 pounds per square inch absolute (568 mm.Hg) or greater under actual storage conditions. All tank gauging or sampling devices shall be gas-tight except when tank gauging or sampling is taking place.

(b) A vapor recovery system, consisting of a vapor gathering system capable of collecting the volatile organic compound vapors and gases discharged and a vapor disposal system capable of processing such volatile organic vapors and gases so as to prevent their emission to the atmosphere and with all tank gauging and sampling devices gas-tight except when gauging or sampling is taking place.

(c) Other equipment or means of equal efficiency for purposes of air pollution control as may be approved by the Director.

(2) No person shall place, store, or hold in any stationary storage vessel more than 250-gallon capacity any volatile organic compound unless such vessel is equipped with a permanent submerged fill pipe or is a pressure tank as described in Rule 5.a.(1), or is fitted with a vapor recovery system as documented in Rule 5.a.(1)(b).

b. Volatile Organic Materials Loading Facilities

(1) No person shall load any volatile organic compounds into any tank, truck or trailer from any loading facility unless such loading facility is equipped with a vapor collection and disposal system or its equivalent, properly installed, in good working order; and in operation.

(2) No person shall load any volatile organic compounds into any tank, truck or trailer having a capacity in excess of 200 gallons unless such loading facility is equipped with a loading arm with a vapor collection adaptor, pneumatic, hydraulic, or other mechanical means which forces a vapor-tight seal between the adaptor and the hatch. A means shall be provided to prevent liquid organic compounds drainage from the loading device when it is removed from the hatch of any tank, truck or trailer. When loading is effected through means other than hatches, all loading and vapor lines shall be equipped with fittings which make vapor-tight connections and which close automatically when disconnected.

c. Volatile Organic Compound Water Separation

(1) No person shall use any compartment of any single or multiple compartment volatile organic compound water separation which receives effluent water containing 200 gallons a day or more of any equipment processing, refining, treating, storing, or handling volatile organic compounds unless such compartment is equipped with one of the following vapor loss control devices, properly installed, in good working order, and in operation.

(a) A container having all openings sealed and totally enclosing the liquid contents. All gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.

(b) A container equipped with a floating roof, consisting of a pontoon type, double deck type roof, or internal floating cover, which will rest on the surface of the contents and be equipped with a closure seal or seals to close the space between the roof edge and container wall. All gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.

(c) A container equipped with a vapor recovery system consisting of a vapor gathering system capable of collecting the hydrocarbon vapors and gases discharged and a vapor disposal system capable of processing such hydrocarbon vapors and gases so as to prevent their emission to the atmosphere and with all container gauging and sampling devices gas-tight except when gauging or sampling is taking place.

(d) A container having other equipment of equal efficiency for purposes of air pollution control as may be approved by the Director.

d. Pumps and Compressors

All pumps and compressors handling volatile organic compounds shall have mechanical seals or other equipment of equal efficiency for purposes of air pollution control as may be approved by the Director.

e. Waste Gas Disposal

(1) No person shall emit a waste gas stream from any ethylene producing plant into the atmosphere unless the waste gas stream is properly burned at 1,300°F for 0.3 seconds or greater in a direct-flame afterburner equipped with an indicating pyrometer which is positioned in the working area at the operator's eye level or an equally effective catalytic vapor incinerator also with pyrometer.

(2) No person shall emit hydrocarbon gases to the atmosphere from a vapor blowdown system unless these gases are burned by smokeless flares, or an equally effective control device as approved by the Director.

f. Organic Solvents

(1) A person shall not discharge more than 3 pounds per hour or 15 pounds per day of organic materials into the atmosphere from any article, machine, equipment or other contrivance in which organic solvent comes into contact with flames or is baked, heated-cured, or heat polymerized, in the presence of oxygen.

(2) A person shall not discharge more than 40 pounds of organic material into the atmosphere in any one day from any article, machine, equipment, or other contrivance used under conditions other than described in Rule 5.f.(1) for employing, applying, evaporating, or drying any photochemically reactive solvent, as defined in Rule 5.f.(11), or material containing such solvent, unless all organic materials discharged from such article, machine, equipment or other contrivance have been reduced to not more than 40 pounds in any one day.

(3) Any series of articles, machines, equipment, or other contrivances designed for processing a continuously

moving sheet, web, strip, or wire which is subjected to any combination of operations described in Rule 5.f.(1) or (2) involving any photochemically reactive solvent, as defined in Rule 5.f.(11) or material containing such solvent, shall be subject to compliance with Rule 5.f.(2). Where only nonphotochemically reactive solvents or material containing only nonphotochemically reactive solvents are employed or applied, and where any portion or portions of said series of articles, machines, equipment, or other contrivances involves operations described in Rule 5.f.(1), said portions shall be collectively subject to compliance with Rule 5.f.(1).

(4) Emissions of organic materials to the atmosphere from the cleanup with photochemically reactive solvents, as defined in Rule 5.f.(11), of any article, machine, equipment, or other contrivance described in Rule 5.f.(1), (2), or (3), shall be included with the other emissions of organic materials from that article, machines, equipment, or other contrivance for determining compliance with this rule.

(5) Emissions of organic materials to the atmosphere as a result of spontaneously continuing drying of products for the first 12 hours after their removal from any article, machine, equipment, or other contrivance described in Rule 5.f.(1), (2), or (3), shall be included with other emissions of organic materials from that article, machine, equipment, or other contrivance, for determining compliance with this rule.

(6) Emissions of organic materials into the atmosphere required to be controlled by Rule 5.f.(1), (2), (3), shall be reduced by:

  (a) Incineration, provided that 90 percent or more of the carbon in the organic material being incinerated is oxidized to carbon dioxide, or

  (b) Adsorption, or

  (c) Processing in a manner determined by the Director to be not less than effective that (a) or (b) above.

(7) A person incinerating, adsorbing, or otherwise processing organic materials pursuant to this rule shall provide, properly install, and maintain in calibration, in good working order and in operation, devices as specified in the authority to construct or the permit to operate, or as specified by the Director, for indicating temperatures, pressures, rates of flow, or other operating

conditions necessary to determine the degree and effectiveness of air pollution control.

(8) Any person using organic solvents or any materials containing organic solvents shall supply the Director, upon request and in the manner and form prescribed by him, written evidence of the chemical composition, physical properties, and amount consumed for each organic solvent used.

(9) The provisions of this rule shall not apply to:

(a) The manufacture of organic solvents, or the transport or storage of organic solvents or materials containing organic solvents.

(b) The use of equipment for which other requirements are specified by Rule 5.a, b, or c, or which are exempt from air pollution control requirements by said rules.

(10) For the purposes of Rule 5.f., organic solvents include diluents and thinners and are defined as organic materials which are liquids at standard conditions and which are used as dissolvers, viscosity reducers, or cleaning agents.

(11) For the purposes of Rule 5.f., a photochemically reactive solvent is any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, referred to the total volume of solvent:

(a) A combination of hydrocarbons, alcohols, adehydes, esters, ethers, or ketones having an olefinic or cyclo-olefinic type of unsaturation: 5 percent;

(b) A combination of aromatic compounds with either two or more carbon atoms to the molecule except ethylbenzene: 8 percent;

(c) A combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

Whenever any organic solvent or any constitutent of an organic solvent may be classified from its chemical structure into more than one of the above groups of organic compounds, it shall be considered as a member of the most reactive chemical group, that is, that group having the least allowable percent of the total volume of solvents.

(12) For the purposes of Rule 5.f., organic materials are defined as chemical compounds of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, etallic carbides, etallic carbonates, and ammonium carbonate.

g. Disposal and Evaporation of Solvents

A person shall not, during any one day, dispose of a total of more than 1.5 gallons of any photochemically reactive solvent, as defined in Rule 5.f.(11), or of any material containing more than 1.5 gallons of any such photochemically reactive solvent by any means which will permit the evaporation of such solvent into the atmosphere.

Rule 6. CONTROL OF CARBON MONOXIDE EMISSIONS

a. No person shall emit the carbon monoxide gases generated during the operation of a grey iron cupola, blast furnace, or basic oxygen steel furnace unless they are burned at 1,300°F for 0.3 seconds or greater in a direct flame afterburner or equivalent device equipped with an indicating pyrometer which is positioned in the working area at the operator's eye level.

b. No person shall emit carbon monoxide waste gas stream from any catalyst regeneration of a petroleum cracking system, petroleum fluid coker, or other petroleum process into the atmosphere, unless the waste gas stream is burned at 1,300°F for 0.3 seconds or greater in a direct-flame afterburner or boiler equipped with an indicating pyrometer which is positioned in the working area at the operator's eye level.

Rule 7. CONTROL OF NITROGEN OXIDES EMISSIONS

a. Combustion Sources

(1) No person shall cause or permit emissions of nitrogen oxides from a gas-fired boiler with a capacity of 250 million BTU/hr or more in excess of 0.20 pounds per million BTU of heat input per hour.

(2) No person shall cause or permit emissions of nitrogen oxides from an oil-fired boiler with a capacity of 250 million BTU/hr or more in excess of 0.30 pounds per million BTU of heat input per hour.

(3) No person shall cause or permit emission of nitrogen oxides from a coal-fired boiler with a capacity of 250 million BTU per hour or more in excess of 0.9 pounds per million BTU of heat input per hour.

(4) For purposes of this regulation (Rule 7.a.), the total heat input from all similar fuel combustion units at a plant or premises shall be used for determining the maximum allowable emission of nitrogen oxides that passes through a stack or stacks. The allowable emissions on an annual basis shall be calculated by the use of the equation:

$$AE = \frac{E\ H\ OT}{2000\ UF}$$

where: AE = Annual emission rate in tons/year
E = Emission rate as determined by Rule 7.a. in lb/million BTU
H = Heat input in millions of BTU/hr
OT = Source operating time in hours/year
UF = Use factor.

b. Nitric Acid Manufacture

No person shall cause or permit the emission of nitrogen oxides calculated as nitrogen dioxide, from nitric acid manufacturing plants in excess of 5.5 pounds per ton of 100 percent acid produced.

4. ADEQUACY OF CONTROL STRATEGY

This section demonstrates that the proposed control strategy (rules and regulations set forth in Section 3.) are adequate to restrict pollutant concentrations values to at or below applicable national standards. The national ambient air quality standards, as defined in the Federal Register, Vol. 36, No. 21, Saturday, January 30, 1971, are shown in Table 4-1. In the analysis of this section, the secondary standards for the Set 1 pollutants are used as the standards to be met.

The priority classifications and justifications, for each region in the State, are given in Table 4-2. The detailed rationale for each priority designation is given in the document Proposed Air Quality Surveillance System for the State of Alabama.

4.1 GENERAL REQUIREMENTS

The adequacy of the control strategy with respect to reduction in ambient air quality levels is demonstrated through use of a "rollback" technique which compares the percent emission reduction achieved (as a result of the strategy application) to the percent emission reduction required. The area over which the rollback is applied and the method of calculation varies depending on the pollutant under consideration.

4.1.1 Set 1 Pollutants (Particulate Matter and Sulfur Oxides)

For the Set 1 pollutants an example region, for each pollutant, is selected and the control strategy is applied to that region only. For each pollutant, the adequacy of the strategy with respect to the example region is then assumed sufficient to insure the adequacy of the strategy as applied to all other regions in the State.

TABLE 4-1. NATIONAL AMBIENT AIR QUALITY STANDARDS

POLLUTANTS	PRIMARY STANDARDS	SECONDARY STANDARDS
Sulfur Oxides	80 μg/m^3 (0.03 ppm) annual arithmetic mean	60 μg/m^3 (0.02 ppm) annual arithmetic mean
	365 μg/m^3 (0.14 ppm) maximum 24-hour concentration not to be exceeded more than once a year.	260 μg/m^3 (0.1 ppm) maximum 24-hour concentration not to be exceeded more than once a year.
		1300 μg/m^3 (0.5 ppm) as a maximum three-hour concentration not to be exceeded more than once a year.
Particulate Matter	75 μg/m^3 annual geometric mean	60 μg/m^3 annual geometric mean
	260 μg/m^3 maximum 24-hour concentration not to be exceeded more than once a year.	150 μg/m^3 as a maximum 24-hour concentration not to be exceeded more than once a year.
Carbon Monoxide	10 mg/m^3 (9 ppm) as a maximum eight-hour concentration not to be exceeded more than once a year.	
	40 mg/m^3 (35 ppm) as a maximum one-hour concentration not to be exceeded more than once a year.	
Photo-chemical Oxidants	160 μg/m^3 (0.08 ppm) as a maximum one-hour concentration not to be exceeded more than once a year.	
Hydro carbons	160 μg/m^3 (0.24 ppm) as a maximum three-hour concentration (6 - 9 a.m.) not to be exceeded more than once a year.	
Nitrogen Oxides	100 μg/m^3 (0.05 ppm) annual arithmetic mean.	

TABLE 4-2. REGIONAL CLASSIFICATION JUSTIFICATION

Region	Pollutant	Priority Classification	Justification
001 Alabama and Tombigbee Rivers Intrastate AQCR	PM	II	State Data: Demopolis, 1969 maximum 24-hour, 161$\mu g/m^3$
	SO_2	III	No large point sources
	NO_2	III	"Urban Place" population does not exceed 200,000
	CO	III	"Urban Place" population does not exceed 200,000
	Ox	III	"Urban Place" population does not exceed 200,000
002 Phenix City, Alabama, Columbus, Georgia, Interstate AQCR	PM	I	State Data: Montgomery Fire Sta. #5, 1971 5-mos. geo. mean 117$\mu g/m^3$
	SO_2	III	NASN Data: Montgomery 1970 ann. arith. avg. 6$\mu g/m^3$
	NO_2	III	NASN Data: Montgomery 1970 ann. arith. avg. 43$\mu g/m^3$
	CO	III	"Urban Place" population does not exceed 200,000
	Ox	III	"Urban Place" population does not exceed 200,000
003 East Alabama Intrastate AQCR	PM	I	State Data: Gadsden Site 0441, 1971 5-mo. geo. mean 132$\mu g/m^3$
	SO_2	III	Calculated max. ground level concentration; annual avg. 6$\mu g/m^3$
	NO_2	III	"Urban Place" population does not exceed 200,000
	CO	III	"Urban Place" population does not exceed 200,000
	Ox	III	"Urban Place" population does not exceed 200,000
004 Metropolitan Birmingham Intrastate AQCR	PM	I	Jefferson County Data: N. Birm. 1970-71 ann. geo. mean 237$\mu g/m^3$
	SO_2	II	Calculated max. ground level concentration, 24-hour 358$\mu g/m^3$
	NO_2	III	EPA Data: Birmingham downtown arith. avg. 75$\mu g/m^3$ 1971 Summer Study

TABLE 4-2. (continued)

Region	Pollutant	Priority Classification	Justification
004 (continued)	CO	I	EPA Data: Birmingham downtown 1-hr. max. 37 mg/m^3
	Ox	I	EPA Data: Birmingham downtown 1-hr. max. 250 μg/m^3
005 Mobile, Pensacola, Panama City, Southern Mississippi AQCR	PM	I	Mobile Data: State Docks 1970 9-mo. geo. mean 141μg/m^3
	SO_2	I	State Data: Salco 1-hr. max. approx. 1400 μg/m^3
	NO_2	III	NASN Data: 1970 arith. avg. 71μg/m^3
	CO	III	EPA Data: State Docks area one mo. 1-hr. max. 6 mg/m^3
	Ox	I	EPA Data: State Docks area one mo. 1-hr. max. greater than 200 μg/m^3
006 Southeast Alabama Interstate AQCR	PM	II	State Data: Dothan 1970-71 ann. geo. mean 76 μg/m^3
	SO_2	III	No large point sources
	NO_2	III	"Urban Place" population does not exceed 200,000
	CO	III	"Urban Place" population does not exceed 200,000
	Ox	III	"Urban Place" population does not exceed 200,000
007 Tennessee River Valley (Ala.) Cumberland Mtns. (Tenn.) Interstate AQCR	PM	I	State Data: Tuscumbia 1970-71 ann. geo. mean 131 μg/m^3
	SO_2	I	TVA Data: Widow's Creek vicinity, 1970 1-hr. max approx. 4000μg/m^3
	NO_2	III	EPA Data: 1971 Summer Study, 86 μg/m^3 arithmetic mean
	CO	III	"Urban Place" population does not exceed 200,000
	Ox	III	"Urban Place" population does not exceed 200,000

This technique is appropriate provided (1) all other regions of the same priority classification (Priority I) have measured or estimated pollutant levels lower than the example region and (2) the example region is comprehensive with respect to the source categories found throughout the State. Both of these requirements are satisfied in the analysis. In addition, several counties which have high concentration values, but are outside of the example regions, are tested with respect to the adequacy of the control strategy.

The required reduction for each of the Set 1 pollutants is determined from the following proportional model, described in the Federal Register, Paragraph 420.13:

$$\text{Percent Reduction Required} = \frac{A-C}{A-B} \times 100 \qquad 4\text{-}1$$

where: A = Existing air quality at the location having the highest measured or estimated concentration in the rollback area.

B = Background concentration.

C = Applicable secondary national standard.

From a survey of the existing air quality data throughout the State (as taken from the Proposed Air Quality Surveillance document) it has been determined that the particulate matter background concentration is 35 $\mu g/m^3$ annual geometric mean (as recorded at the Evergreen Station) and that the sulfur dioxide background value is zero.

The percent reduction achieved for each rollback area is determined by the following equation:

$$\text{Percent Reduction Achieved} = \left[1 - \frac{\text{1975 Emissions}}{\text{1971 Emissions}}\right]100 \qquad 4\text{-}2$$

where: 1971 Emissions = Total existing emissions (of the pollutant under consideration) in the rollback area.

1975 Emissions = Total emissions (of the pollutant under consideration) after implementation of the control strategy.

Depending on the distribution of sources within the example region and the available air quality data, the rollback calculations may be made on a local, county, or regionwide basis.

4.1.2 Set 2 Pollutants (Carbon Monoxide, Nitrogen Oxides, Hydrocarbons, Photochemical Oxidants)

For each of the Set 2 pollutants, the control strategy is applied to each region classified Priority I for that pollutant. Since these pollutants are primarily automotive, the incorporation of the Federal Motor Vehicle emission standards into the control strategy application is required. The procedure for this (outlined in the Federal Register, Appendix I) is described below.

The percent emission reduction achieved for each of the Set 2 pollutants, resulting from both the federal automotive standards and the Alabama standards for stationary sources, is determined from the following equation:

$$\text{Percent Required Achieved} = \left\{ 1 - \left[\frac{E_1}{E_0} F_0 - (1-F_0)\ GF \right] \right\} 100 \qquad 4\text{-}3$$

where: Subscripts 0 and 1 denote the base year (1971) and future year (1975 or 1977), respectively.

E = Normalized automotive emissions from Figure 1 (hydrocarbons), or Figure 2 (carbon monoxide), or Figure 3 (nitrogen oxides) in Appendix I of the Federal Register.

F = Ratio of the motor vehicle emissions to total emissions.

GF = Growth factor for stationary sources, defined as the ratio of the non-automotive emissions for the future year (1975 or 1977) to the non-automotive emissions for the base year (1971).

The determination of the percent reduction required is dependent on the pollutant under consideration. For carbon monoxide and nitrogen oxides, the percent reduction required is determined through use of Equation 4-1.

Since photochemical oxidants are a secondary pollutant (i.e., they result from chemical reaction rather than direct emissions), they must be controlled indirectly. Accordingly, Appendix J of the Federal Register contains a graph relating the percent hydrocarbon reduction required to reduce the photochemical oxidant level to the national standard value. In addition, it is a federal assumption that the degree of total hydrocarbon emission reduction necessary for attainment and maintenance of the national standard for photochemical oxidants will also be adequate for attainment of the national standard for hydrocarbons.

4.2 CONTROL STRATEGY APPLICATION FOR PARTICULATE MATTER AND SULFUR OXIDES

To determine which of the Priority I regions should be used as example regions for each pollutant, the emissions summary data from Appendix A were tabulated in terms of percent contribution from the various types of sources. These data are given in Table 4-3. From this table, it is apparent that Regions 004 and 005 provide the widest range of defined source types for particulates and sulfur oxides, respectively.

4.2.1 Particulate Matter

Figure 4-1 shows the largest current annual geometric mean particulate matter value recorded at each measuring station in Region 004. Since there is a good distribution of data, it is meaningful to use each county as a basic rollback area. On this basis, the application and determination of the air quality effects of the particulate strategy proceeds as follows.

1. Calculate the percent reduction achieved from applying the appropriate emission limitations, as defined by the rules and regulations of Section 3.0, to each source in the example region. To accomplish this:
    a. Using Rule 1., determine the classification of the county.
    b. For each source, calculate the allowable emissions by applying the rule governing that source type. Table 4-4 illustrates this procedure for St. Clair County.

TABLE 4-3. SOURCE CATEGORY CONTRIBUTIONS TO PRIORITY I REGIONS

Region	Power Plants	Other Fuel Combustion	Metallurgical Industry	Pulp Mills	Mineral Products	Chemicals	Other Processes	Transportation	All Other
Particulates									
002		14%	57%	9%				5%	15%
003		15%		59%			21%		5%
004	27%	13%	24%		24%				12%
005	25%	8%	17%				10%		40%
007	75%	3%					20%		2%
Sulfur Dioxide									
005	85%	9%				5%		1%	
007	94%	5%							1%

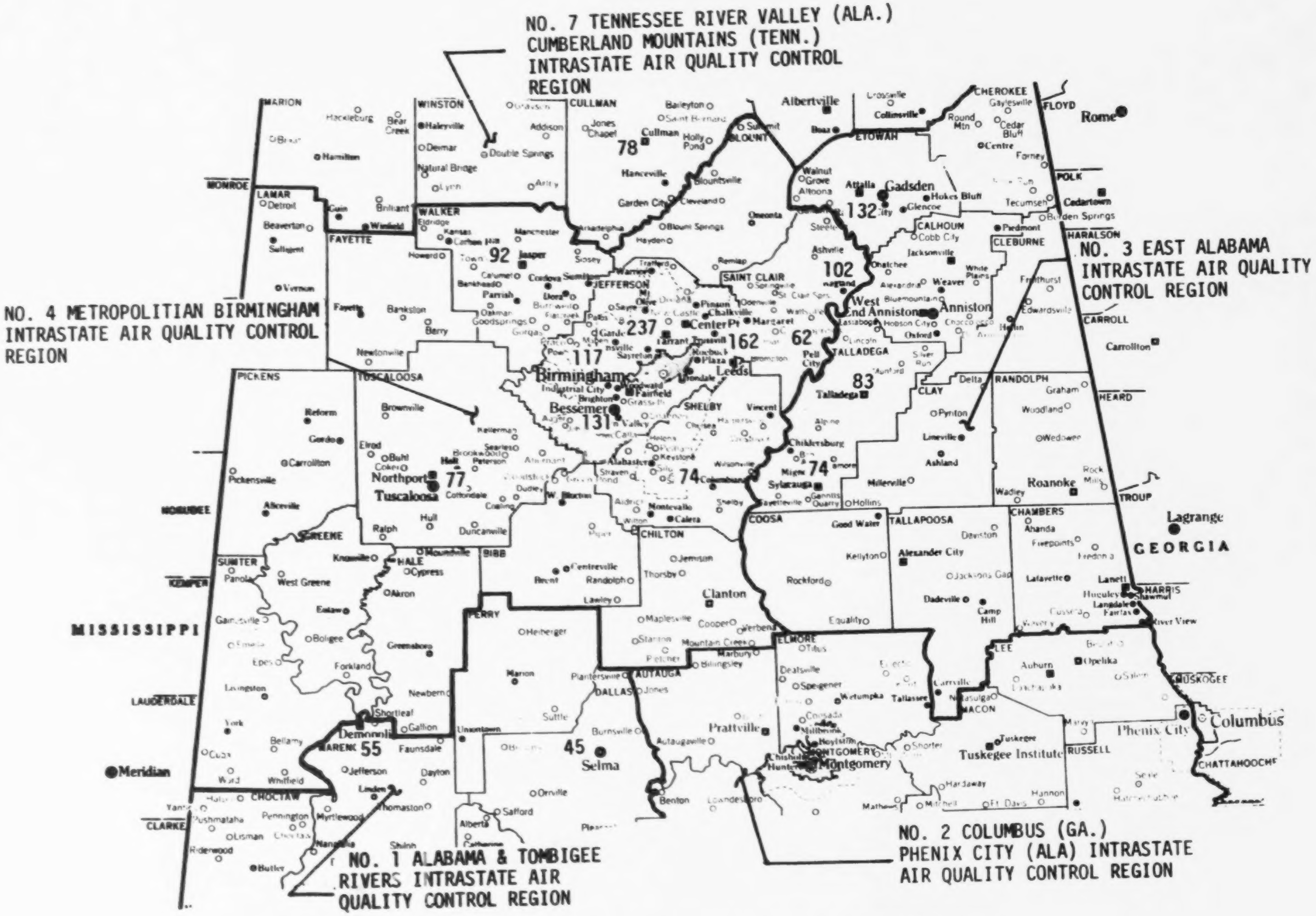
NO. 7 TENNESSEE RIVER VALLEY (ALA.) CUMBERLAND MOUNTAINS (TENN.) INTRASTATE AIR QUALITY CONTROL REGION
NO. 3 EAST ALABAMA INTRASTATE AIR QUALITY CONTROL REGION
NO. 4 METROPOLITIAN BIRMINGHAM INTRASTATE AIR QUALITY CONTROL REGION
NO. 2 COLUMBUS (GA.) PHENIX CITY (ALA) INTRASTATE AIR QUALITY CONTROL REGION
NO. 1 ALABAMA & TOMBIGEE RIVERS INTRASTATE AIR QUALITY CONTROL REGION
MISSISSIPPI
GEORGIA
78
92
132
102
237
162
62
117
83
131
77
74
74
55
45
Cullman
Albertville
Gadsden
Anniston
West End Anniston
Birmingham
Bessemer
Center Pt
Leeds
Talladega
Sylacauga
Northport
Tuscaloosa
Clanton
Prattville
Montgomery
Selma
Demopolis
Tuskegee Institute
Phenix City
Columbus
Rome
Lagrange
Meridian
Roanoke
Jasper
MARION
WINSTON
CULLMAN
CHEROKEE
ETOWAH
BLOUNT
LAMAR
WALKER
FAYETTE
JEFFERSON
SAINT CLAIR
CALHOUN
CLEBURNE
TALLADEGA
PICKENS
TUSCALOOSA
SHELBY
CLAY
RANDOLPH
GREENE
HALE
BIBB
CHILTON
COOSA
TALLAPOOSA
CHAMBERS
SUMTER
PERRY
AUTAUGA
DALLAS
ELMORE
LEE
MACON
RUSSELL
CHOCTAW
MARENGO
FLOYD
POLK
HARALSON
CARROLL
HEARD
TROUP
HARRIS
MUSKOGEE
CHATTAHOOCHEE
MONROE
NOXUBEE
KEMPER
LAUDERDALE
CLARKE

FIGURE 4-1. ANNUAL GEOMETRIC MEAN PARTICULATE CONCENTRATION ($\mu g/m^3$) - REGION 004

TABLE 4-4. EXAMPLE ROLLBACK CALCULATIONS

Emission Inventory - St. Clair County Particulate Matter

Source	Type	Use Factor	Operating Time (hr./yr.)	Process Wt. (lb/hr)	Particulate Emission Rate (tons/year)			Rule
					1971	Allowable	1975	
Point 1	Process	1	6000	15633	6	3.8	6	3.d.(1)
Point 2	Process	1	6720	98000	2800	108	108	3.d.(1)
Area	--	-	--	--	611	--	611	--
Total					3417		725	

Example Allowable Emission Calculations

Point No. 1 Allowable Emission [Rule 3.d.(1) and Rule 3.d.(4)]:

$$E = 3.59\ (7.81)^{0.62} = 12.8 \text{ pounds/hour}$$

$$AE = \frac{(12.8)(6000)}{(2000)(1)} = 38 \text{ tons/year}$$

Percent Reduction Calculations

Maximum Concentration = 102 $\mu g/m^3$

Background Concentration = 35 $\mu g/m^3$

Secondary National Standard = 60 $\mu g/m^3$

$$\text{Percent Reduction Required} = \left[\frac{102 - 60}{102 - 35}\right] 100 = 63 \text{ percent}$$

Existing Emissions (1971) = 3417 tons/year

Future Emissions (1975) = 725 tons/year

$$\text{1975 Percent Reduction Achieved} = \left[1 - \frac{725}{3417}\right] 100 = 78 \text{ percent}$$

Allowable controlled emission growth = 79 percent - 63 percent
= 16 percent

c. Determine the county point source emissions after strategy application by summing the emissions from all point sources (using the existing or allowable emission value for each source, whichever is less). Note that the rules prevent existing sources from increasing emissions from their 1971 values.*

d. Sum item c and the existing area source emissions to obtain the total emissions expected in 1975.

e. Calculate the Percent Reduction Achieved from Equation 4-2.

2. Calculate the Percent Reduction Required using the proportional model, Equation 4-1. Table 4-4 illustrates this procedure for St. Clair county.

Tables 4-5 and 4-6 summarize the results of the above procedure for Region 004. Appendix B shows the 1971 and 1975 emissions, summarized by source category.

The above procedure does not include emission increases due to industrial and population growth. Since reliable projection factors are, in general, not available on a county-by-county basis, allowable emission growth values are determined by comparing the Percent Reduction Achieved with the Percent Reduction Required. Note that these values are not industrial growth factors, but are factors reflecting total additional controlled emissions that, by 1975, would result in air quality levels equal to the secondary national standard. A summary of allowable growth values for each county in which the standard is exceeded is given in Table 4-7. Since all of the values are positive, the secondary national ambient air quality standard for particulate matter can be achieved in the example region by the proposed control strategy.

In addition to the example region, there are four counties which have high particulate matter concentration values ($>100\ \mu g/m^3$). The control strategy was applied to each of these counties and, in each case, resulted in a positive allowable emission growth value. Table 4-8 summarizes the data resulting from these calculations.

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*For a source to increase emissions, a permit to modify must be issued. Thus, if such increased emissions would degrade the air quality excessively, the permit would be denied.

TABLE 4-5. PARTICULATE MATTER CONTROL STRATEGY SUMMARY - REGION 004

County	Fuel Combustion		Industrial Process		Solid Waste	
	Existing	Strategy	Existing	Strategy	Existing	Strategy
CLASS 1 COUNTIES						
Jefferson	12,314	569	138,965	4,410	34	0
Tuscaloosa	7,596	60	12,331	290	0	0
St. Clair	0	0	2,806	114	0	0
Shelby	17,820	4,010	26,955	753	0	0
Walker	56,827	3,230	0	0	0	0
CLASS 2 COUNTIES						
Bibb	999	150	1,065	102	389	28
Blount	0	0	0	0	0	0
Chilton	0	0	375	50	103	24
Fayette	004	004	6,269	205	057	17
Greene	3,082	3,082	0	0	007	5
Hale	0	0	0	0	110	56
Lamar	0	0	0	0	067	23
Pickens	236	043	0	0	336	158
Sumter	167	054	137	107	378	32

TABLE 4-6. PARTICULATE MATTER ROLLBACK SUMMARY - REGION 004

County	Population	Maximum Annual Concentration µg/m3 (% Reduction Required)		TOTAL POINT SOURCE EMISSIONS (tons/year)				1971 Area Source Emissions	TOTAL EMISSIONS (tons/year)		
				(% Total Emissions)		(% Reduction Achieved)			1971	1975 (% Reduction Achieved)	
CLASS 1 COUNTIES											
Jefferson	639,600	237	(87.6%)	151,321	(93.5%)	4,979	(96.7%)	10,485	161,806	15,464	(90.4%)
Tuscaloosa	111,000	77	(40.5%)	19,867	(91.3%)	350	(98.2%)	1,898	21,765	2,248	(89.7%)
St. Clair	27,000	102	(62.7%)	2,806	(82.1%)	114	(94.7%)	611	3,417	725	(78.7%)
Shelby	36,200	74	(35.9%)	44,775	(98.4%)	4,463	(90.0%)	715	45,490	5,178	(88.6%)
Walker	54,400	92	(56.1%)	56,827	(98.0%)	3,230	(94.3%)	1,165	57,992	4,395	(92.4%)
CLASS 2 COUNTIES											
Bibb	13,700	---	--	2,453	(85.5%)	280	(88.6%)	416	2,869	696	(75.7%)
Blount	26,300	47	--	0	(0.0%)	---	--	686	686	686	(0.0%)
Chilton	24,400	---	--	553	(61.3%)	82	(85.2%)	349	902	431	(52.2%)
Fayette	15,700	---	--	6,330	(93.2%)	226	(96.4%)	464	6,794	690	(89.8%)
Greene	10,300	---	--	3,414	(92.9%)	3,114	(8.8%)	261	3,675	3,375	(8.2%)
Hale	15,500	---	--	110	(23.6%)	56	(49.1%)	357	467	413	(11.6%)
Lamar	13,900	---	--	67	(11.3%)	23	(65.7%)	526	593	549	(7.4%)
Pickens	19,800	---	--	572	(50.2%)	201	(64.9%)	568	1,140	769	(32.5%)
Sumter	15,900	---	--	682	(61.2%)	193	(71.7%)	432	1,114	625	(43.9%)

Table 4-7. ALLOWABLE CONTROL EMISSION GROWTH - REGION 004 COUNTIES

County	Allowable Growth (Percent)
Jefferson	2.8
Tuscaloosa	49.2
St. Clair	15.0
Shelby	52.7
Walker	36.3

TABLE 4-8. PARTICULATE MATTER ROLLBACK SUMMARY - HIGH CONCENTRATION COUNTIES

County	Population	Maximum Annual Concentration $\mu g/m^3$ (% Reduction Required)	TOTAL POINT SOURCE EMISSIONS (tons/year) (% Total Emissions)	TOTAL POINT SOURCE EMISSIONS (tons/year) (% Reduction Achieved)	1971 Area Source Emissions	TOTAL EMISSIONS (tons/year) 1971	TOTAL EMISSIONS (tons/year) 1975 (% Reduction Achieved)
Montgomery (002)	167,790	117 (69%)	13,937 (86%)	1,012 (93%)	2,265	16,202	3,278 (80%)
Mobile (005)	317,308	141 (76%)	63,945 (72%)	6,373 (90%)	5,312	69,257	11,685 (83%)
Colbert (007)	49,632	131 (74%)	214,823 (99%)	9,811 (95%)	1,306	216,129	11,117 (95%)
Jackson (007)	39,202	148 (78%)	85,620 (99%)	14,697 (83%)	847	86,467	15,544 (82%)

4.2.2 Sulfur Oxides

Using the techniques described in the previous sections, the sulfur oxides control strategy was applied to Region 005. These results are summarized in Tables 4-9 and 4-10. Appendix B gives the emission reductions by major source category.

Figure 4-2 shows the existing air quality measured data. Since the maximum measured concentration value is in the form of a one-hour maximum concentration, it is converted to an annual arithmetic average value for comparison with the national standard. This was accomplished via the Larsen technique* which assumes the pollutants are log-normally distributed. Using the geometric standard deviation value from the NASN Station in Mobile (2.64), the annual arithmetic average becomes 100 $\mu g/m^3$.

As in the case of particulates, sulfur dioxide strategy yields a positive growth value (14 percent) and, therefore, satisfies the secondary national standard for sulfur oxides.

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*Larsen, R. E., "A New Mathematical Model of Air Pollutant Concentration Averaging Time and Frequency," Journal of the Air Pollution Control Association, Vol. 19, No. 1, January 1969.

TABLE 4-9. SULFUR OXIDES CONTROL STRATEGY SUMMARY - REGION 005

	Fuel Combustion		Industrial Process		Solid Waste	
County	1971	1975	1971	1975	1971	1975
Class 1 County						
Mobile	183,251	75,502	9,828	5,057	005	0
Class 2 Counties						
Baldwin	003	003	006	006	0	0
Escambia	194	194	169	169	0	0

TABLE 4-10. SULFUR OXIDES ROLLBACK SUMMARY - REGION 005

County	Population	Maximum Annual Concentration $\mu g/m^3$ (% Reduction Required)	TOTAL POINT SOURCE EMISSIONS (tons/year) (% Total Emissions)	TOTAL POINT SOURCE EMISSIONS (tons/year) (% Reduction Achieved)	1971 Area Source Emissions	TOTAL EMISSIONS (tons/year) 1971	TOTAL EMISSIONS (tons/year) 1975 (% Reduction Achieved)
CLASS 1 COUNTY							
Mobile	317,308	100 (40.0%)	193,088 (97.7%)	87,301 (54.8%)	4,620	197,708	91,921 (53.3%)
CLASS 2 COUNTIES							
Baldwin	59,382	--- --	009 (1.6%)	009 (0.0%)	552	561	561 (0.0%)
Escambia	34,906	--- --	363 (54.8%)	363 (0.0%)	299	662	662 (0.0%)

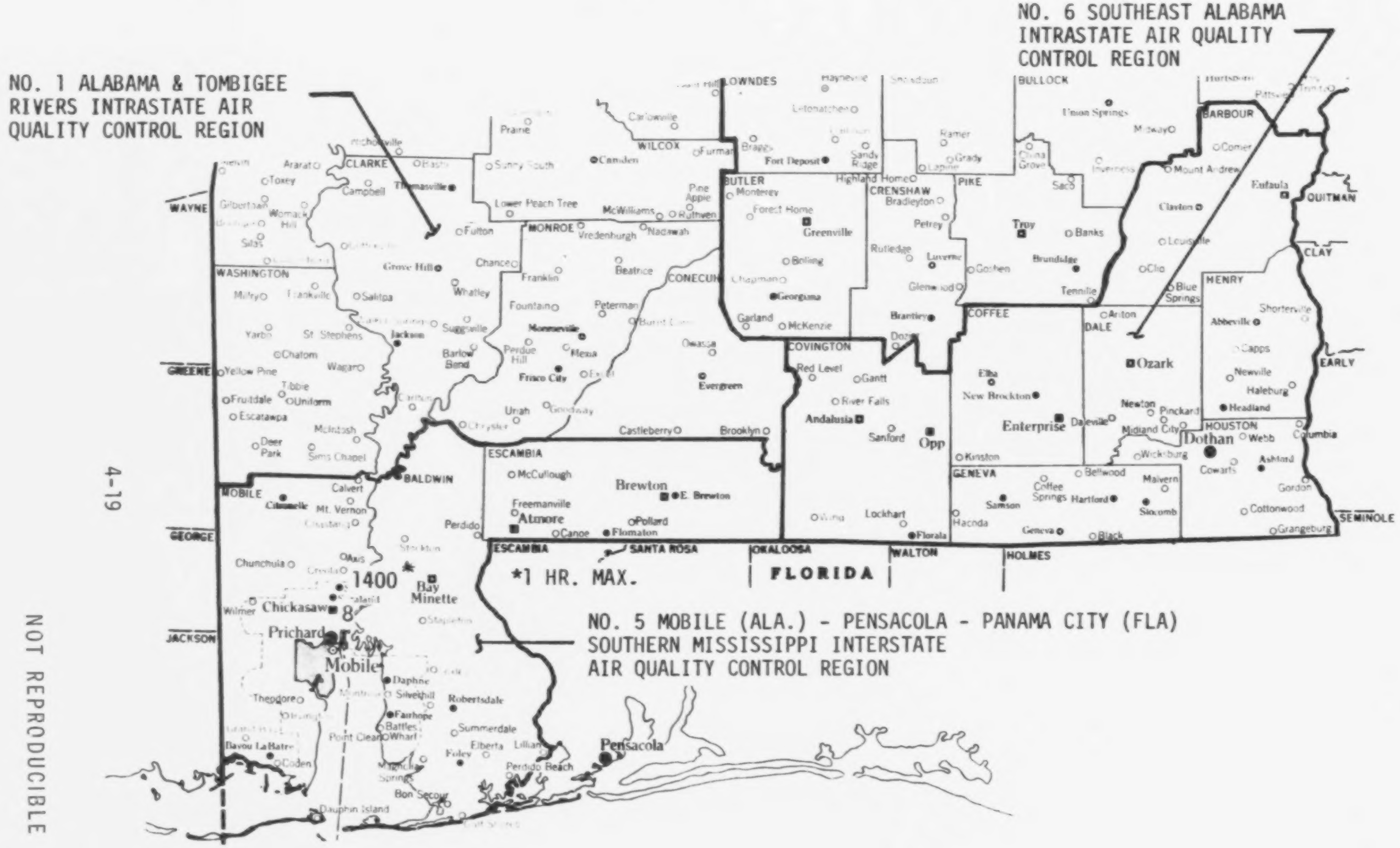
NO. 1 ALABAMA & TOMBIGEE RIVERS INTRASTATE AIR QUALITY CONTROL REGION
NO. 6 SOUTHEAST ALABAMA INTRASTATE AIR QUALITY CONTROL REGION
NO. 5 MOBILE (ALA.) - PENSACOLA - PANAMA CITY (FLA) SOUTHERN MISSISSIPPI INTERSTATE AIR QUALITY CONTROL REGION
*1 HR. MAX.
1400*
8
WAYNE
GREENE
GEORGE
JACKSON
CLARKE
WASHINGTON
MOBILE
BALDWIN
WILCOX
MONROE
CONECUH
ESCAMBIA
LOWNDES
BUTLER
CRENSHAW
COVINGTON
PIKE
COFFEE
GENEVA
BULLOCK
BARBOUR
DALE
HENRY
HOUSTON
QUITMAN
CLAY
EARLY
SEMINOLE
SANTA ROSA
OKALOOSA
WALTON
HOLMES
FLORIDA
Mobile
Prichard
Chickasaw
Bay Minette
Pensacola
Brewton
Atmore
Andalusia
Opp
Greenville
Troy
Ozark
Enterprise
Dothan
Eufaula
Thomasville
Grove Hill
Jackson
Monroeville
Evergreen
Camden
Fort Deposit
Clayton
Abbeville
Headland
Geneva
Florala
Daphne
Fairhope
Foley
Robertsdale
Citronelle
Union Springs

FIGURE 4-2. ANNUAL ARITHMETIC MEAN SULFUR DIOXIDE CONCENTRATION ($\mu g/m^3$) - REGION 005

NOT REPRODUCIBLE

4.3 CONTROL STRATEGY APPLICATION FOR CARBON MONOXIDE, NITROGEN OXIDES, HYDROCARBONS AND PHOTOCHEMICAL OXIDANTS

From Table 4-2, the pollutants designated Priority I are: carbon monoxide in Region 004 and hydrocarbons (and photochemical oxidants) in Regions 004 and 005. The control strategy is applied to each of these pollutant-region combinations.

Since all of the Set 2 pollutants are reactive, it is assumed that there is no background value for any of these pollutants.

4.3.1 Carbon Monoxide

The existing air quality data summary for Region 004 indicates a maximum eight-hour carbon monoxide concentration of 16 mg/m^3. Using this value together with the national standard of 10 mg/m^3 in Equation 4-1 gives:

$$\text{Percent Reduction Required} = \frac{16-10}{16}\,100 = 38 \text{ percent} \qquad 4\text{-}4$$

From the emission inventory data (Appendix A), the total carbon monoxide emissions for Region 004 are 828,648 tons/year; 163,758 tons/year being attributable to point sources and 664,890 tons/year to area sources. Automotive emissions are responsible for 94.72 percent of the area source emissions.

To determine the percent emission reduction achieved due to application of both the Federal Vehicle Control Program and the control strategy, the following values are used in Equation 4-3.

Automotive Emission Parameters

From Figure 2, Appendix I of the Federal Register, the normalized vehicle emission rates for 1971 and 1975 are:

Base Year 1971: $E_o = .92$

Future Year 1975: $E_1 = .70$

and the ratio of the motor vehicle emissions to the total emissions is

$$F_o = \frac{629772}{828649} = .76$$

Point Source Emission Parameters

To determine the growth factor (GF), the total non-automotive carbon monoxide emissions expected in 1975 (after implementation of the control strategy) must be determined.

The total point source carbon monoxide emissions for Region 004 amount to 163,759 tons/year. The distribution of these emissions with respect to fuel type is shown in Appendix A and with respect to source type is shown in Appendix B. Application of the control strategy (Rules 2. and 6.) result in a point source carbon monoxide emission reduction of 34,574 tons/year. The distribution of this reduction with respect to source types is shown in Appendix B. Using this reduction,

$$\begin{aligned}\text{1971 Non-automotive Emissions} &= (\text{Total Emissions})\ (1-F_o) \\ &= (828649)(.24)=198876\end{aligned}$$

$$\begin{aligned}\text{1975 Non-automotive Emissions} &= (\text{1971 Non-automotive Emissions}) - \\ &\quad (\text{Emission Reduction}) \\ &= 198876 - 134574 = 64302\end{aligned}$$

and the growth factor becomes

$$GF = \frac{64302}{198876} = .32$$

Substitution of these values into Equation 4-3 yields

$$\begin{aligned}\text{1975 Percent Reduction Achieved} &= \left\{1-[\frac{.70}{.92}\ .76+\ (1-.76).32]\right\} 100 \\ &= 34 \text{ percent} \qquad \text{4-5}\end{aligned}$$

Comparison of Equations 4-4 and 4-5 shows that the 1975 percent reduction achieved is less than the percent reduction required. Therefore, the carbon monoxide standard cannot be met by 1975. Since stationary source control has been applied, either a two-year extension to comply must be obtained or transportation controls must be implemented. As demonstrated below, the standards can be met by 1977; therefore, no transportation controls are proposed.

To demonstrate that the standard can be met within a two-year extension period, the following parameters are used:

1. From Appendix I of the Federal Register, the 1977 normalized automotive emission rate is $E_1 = .52$.
2. All other parameters remain the same since no additional controls are proposed.

With this change, Equation 4-3 yields

$$\text{1977 Percent Reduction Achieved} = \left\{1-\left[\frac{.52}{.92}\ .76+(1-.76)\ .32\right]\right\}\ 100$$

$$= 49 \text{ percent} \qquad \text{4-6}$$

Comparison of Equations 4-4 and 4-6 shows that the required reduction (38 percent) is exceeded in 1977 by 11 percent. Thus, the national standard for carbon monoxide can be met by 1977 using the proposed control strategy and the Federal Motor Vehicle Standards.

The maximum allowable controlled emission growth (as defined in Section 4.2.1) of non-automotive sources can be determined by using Equation 4-6 to find the new (maximum allowable) growth factor GF* such that the 1977 Percent Reduction Achieved just equals the Percent Reduction Required. Setting Equation 4-6 equal to 38 percent and rearranging yields:

$$GF^* = \frac{1-.38-\frac{.55}{.92}\ .76}{(1-.76)} = .69$$

Then,

$$\text{Allowable Emission Growth} = (GF^* - 6F)100 = 37 \text{ percent}$$

4.3.2 Hydrocarbons and Photochemical Oxidants

Region 004

The air quality data summary indicates that a value of 250 $\mu g/m^3$ is the largest one-hour maximum photochemical oxidant measurement in the region. Using Figure 1, Appendix J of the Federal Register, the hydrocarbon emission reduction required to satisfy both the hydrocarbon and photochemical oxidants standards is:

$$\text{Percent Reduction Required} = 37 \text{ percent} \qquad 4\text{-}7$$

To determine the percent reduction achieved due to application of the Federal Vehicle Control program and the control strategy, the following values are used in Equation 4-3:

From Figure 1, Appendix I of the Federal Register

Base Year 1971: $E_0 = .89$
Future Year 1975: $E_1 = .55$

From the emission inventory (Appendix A), there is a total of 148,533 tons/year of hydrocarbons emitted;103,973 of which are attributable to automobiles. Thus,

$$F_0 = \frac{103973}{148533} = .70$$

Of the 44,560 tons/year emitted from non-automotive sources, 5,870 tons/year can be eliminated by controlling evaporation losses from fuel storage tanks and 46 tons/year can be eliminated by prohibiting open burning. Thus, the growth factor becomes:

$$GF = \frac{38644}{44560} = .87$$

Using these values in Equation 4-3 yields

$$\text{1975 Percent Reduction Achieved} = \left\{1 - \left[\frac{.55}{.89}\ .70 + (1-.70).87\right]\right\} 100$$

$$= 31 \text{ percent} \qquad 4\text{-}8$$

Appendix B shows the emission reduction with respect to source type. Since the percent reduction achieved is less than that required, the standard cannot be met by 1975. To investigate the possibilities by 1977, the 1977 normalized emission rate of $E_1 = .39$ from Figure 1, Appendix I, is used, together with the above parameters, to produce:

$$\text{1977 Percent Reduction Achieved} = \left\{1 - \left[\frac{.39}{.89}\,.70 + (1-.70)\,.87\right]\right\} 100 \qquad$$

$$= 43 \text{ percent} \qquad 4\text{-}9$$

Comparison of Equations 4-7 and 4-9 shows that the national standard for photochemical oxidants and hydrocarbons can be met by 1977.

The maximum allowable controlled emission growth of non-automotive sources, as determined by equating Equation 4-9 to Equation 4-8 and rearranging, is 21 percent.

Region 005

The measured air quality data for Region 005 indicates that the maximum one-hour photochemical oxidant concentration exceeds 200 $\mu g/m^3$. The exact value will be determined from the data obtained during the 1971 summer study conducted by EPA. A preliminary review of these data indicates a maximum concentration of 265 $\mu g/m^3$. Using this value with Figure 1, Appendix J of the Federal Register, yields:

$$\text{Percent Reduction Required} = 41 \text{ percent} \qquad 4\text{-}10$$

Following the procedure used in Region 004 (above), the Percent Reduction Achieved parameters become:

Base Year 1971: $E_0 = .89$
Future Year 1975: $E_1 = .55$

From the emissions inventory (Appendix A), Region 005 has a total of 56,609 tons/year of hydrocarbons, 60 percent of which 33,965 tons/year) is automotive. Therefore:

$$F_0 = \frac{33965}{56609} = .60$$

Of the 22,644 tons/year non-automotive hydrocarbon emissions emitted, 6,894 tons/year can be eliminated from storage facilities and 109 tons/year can be eliminated by prohibiting open burning (Appendix B). Thus:

$$GF = \frac{15641}{22644} = .69$$

Using these values in Equation 4-3 yields

$$\text{1975 Percent Reduction Achieved} = \left\{1 - \left[\frac{.55}{.87}\,.6 + (1-.6)\ .69\right]\right\}100$$
$$= 34 \text{ percent} \qquad 4\text{-}11$$

Since the percent reduction achieved is less than that required, the standard cannot be met by 1975. To investigate the possibilities by 1977, the 1977 normalized emission rate of $E_1 = .39$ is used with the above parameter to produce:

$$\text{1977 Percent Reduction Achieved} = 46 \text{ percent} \qquad 4\text{-}12$$

which exceeds the required reduction by 5 percent. The allowable emission growth for non-automotive sources in this case is 11 percent.

4.4 ANALYSIS SUMMARY AND CONCLUSIONS

The analysis of this section has demonstrated that the secondary national ambient air quality standards for particulate matter and sulfur oxides can be met in 1975 and for carbon monoxide and hydrocarbons by 1977. The standard for nitrogen oxides is now being met throughout the State and with the controls proposed will not exceed the standard.

Table 4-11 summarizes the Percent Reduction Required vs. Percent Reduction Achieved and the Allowable Emission Growth values obtained for the example regions.

Since the allowable emission growth values are with respect to controlled emissions (i.e., after compliance with the rules and regulations of Section 3.), the allowable industrial growth, in terms of production capacity, will be greater than the figures shown in Table 4-11. With the exception of Jefferson County in Region 004, increased industrial activity will not result in an air quality problem. In Jefferson County, however, land use measures will have to be instituted which will restrict industrial growth in certain areas. This will be accomplished through use of the permit system (see Proposed Permit System for the State of Alabama document) which allows for a detailed environmental impact study of each proposed source.

TABLE 4-11. EMISSION REDUCTION SUMMARY

Region	County	Emission Reduction (%)		Maximum Allowable Emission Growth (%)
		Required	Achieved	
PARTICULATE MATTER (1975)				
004	Jefferson	87.6	90.4	2.8
	Tuscaloosa	40.5	89.7	49.2
	St. Clair	62.7	78.7	16.0
	Shelby	35.9	88.6	52.7
	Walker	56.1	92.4	36.3
SULFUR OXIDES (1975)				
005	Mobile	40.0	53.5	13.5
CARBON MONOXIDE (1977)				
004	All	38.0	49.0	37.0*
HYDROCARBONS (1977)				
004	All	37.0	43.0	21.0*
005	All	41.0		11.0*

*non-automotive sources only.

APPENDICES

APPENDIX A

EXISTING EMISSIONS

This appendix presents a summary of the existing emissions, as of 1971, for each political jurisdiction (P.J.) within the State of Alabama. For the purposes of this inventory, each county in the State has been designated a political jurisdiction and is assigned the P.J. number shown in Table A-1. The emission inventory data are presented separately for point and area sources.

Point Sources

The point source data* are divided in to the three major categories: Process, fuel Combustion, and Solid Waste. The Fuel Combustion category is divided between Power Plant emissions and Industrial-Commercial-Institutional emissions. For fuels not listed under Power Plant, an entry was made as Other, these being primarily for coke. For entries made in the Industrial-Commercial-Institutional category, "Other" refers predominantly to the following four types of emissions:

- Airfield landings and take-offs
- Burning of black liquor
- Burning of process gases
- Burning of wood as fuel in boilers

"Other" entries made in the Solid Waste category refer to on-site incinerators (Process Code 06, SIC Code 4953).

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*If there are no point sources within a political jurisdiction, the data form is omitted for that political jurisdiction.

Area Sources

The format definitions for the area sources data is given in Table A-2. The Region Number and Political Jurisdiction entries have the same meaning as described for point sources. The Source Number and Coordinate entries are not valid and should be ignored.

TABLE A-1. COUNTY DESIGNATIONS BY POLITICAL JURISDICTION

REGION	COUNTY	POLITICAL JURISDICTION
001	Choctaw	1
	Clarke	2
	Conecuh	3
	Dallas	4
	Marengo	5
	Monroe	6
	Perry	7
	Washington	8
	Wilcox	9
002	Autauga	1
	Bullock	2
	Butler	3
	Crenshaw	4
	Elmore	5
	Lee	6
	Lowndes	7
	Macon	8
	Montgomery	9
	Pike	10
	Russell	11
003	Calhoun	1
	Chambers	2
	Cherokee	3
	Clay	4
	Cleburne	5
	Coosa	6
	Etowah	7
	Randolph	8
	Talladega	9
	Tallapoosa	10
004	Bibb	1
	Blount	2
	Chilton	3
	Fayette	4
	Greene	5
	Hale	6
	Jefferson	7
	Lamar	8
	Pickens	9
	Saint Clair	10
	Shelby	11
	Sumter	12
	Tuscaloosa	13

TABLE A-1. COUNTY DESIGNATIONS BY POLITICAL JURISDICTION (Cont'd)

REGION	COUNTY	POLITICAL JURISDICTION
005	Baldwin	1
	Escambia	2
	Mobile	3
006	Barbour	1
	Coffee	2
	Covington	3
	Dale	4
	Geneva	5
	Henry	6
	Houston	7
007	Colbert	1
	Cullman	2
	De Kalb	3
	Franklin	4
	Jackson	5
	Lauderdale	6
	Lawrence	7
	Limestone	8
	Madison	9
	Marion	10
	Marshall	11
	Morgan	12
	Winston	13

TABLE A-2. AREA SOURCE EMISSIONS FORMAT

DOMESTIC	(Indicates next 3 fuels were used in reidences)
COAL	(Entries of coal burned in residences)
OIL	(Entries of oil burned in residences)
NATL. GAS	(Entries of gas burned in residences)
COMM&IND	(Indicates next 4 fuels were used commercially and by institutions)
COAL	(Entries for coal burned commercially and by institutions)
RES.OIL	(Entries for residual oil burned commercially and by institutions)
DIST.OIL	(Entries for distillate oil burned commercially and by institutions)
NATL.GAS	(Entries for natural gas burned commercially and by institutions)
NON-PT	(Indicates next 4 fuels were used by industry not located through questionaires)
COAL	(Entries for coal burned by industries not included as point sources)
RES.OIL	(Entries for residual oil burned by industries not included as point sources)
DIST.OIL	(Entries for distillate oil burned by industries not included as point sources)
NATL.GAS	(Entries for natural gas burned by industries not included as point sources)
WOOD	(Entries for LP gas - this field was not used for wood burned entries)
OPEN BRN	(Entries for open burning incineration)
INCINER	(Entries for incineration other than open burning)
SOLVENT	(Entries for petroleum storage and handling)
VESSELS	(Entries for both harbor and river shipping)
RAILRD	(Entries for diesel fuel burned by railroads)
DIESEL	(Entries for diesel fuel burned by motor vehicles)
OTHER	(Entries for wood burned in residences)
AS 25MPH	(Entries for gasoline burned in motor vehicles at an average speed of 25 mph)
AS 45MPH	(Entries for gasoline burned in motor vehicles at an average speed of 45 mph)
OTHER	(Emissions due to wild fires and prescribed burning)
ADDPOL	(Heading for additional pollutants (ADDPOL) listed below)
1.	(Emissions for gasoline motor vehicles, when AS 25MPH & AS 45MPH not used, above)
2.	(Emissions for vessels, when VESSELS line was not used up above.
3. thru 15.	(These were not used)

NOT REPRODUCIBLE

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                                   EMISSION INVENTORY

REGION:001          POLITICAL JURISDISCTION: 1

                   |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS            |
PROCESS            |     3893.|      750.|    10500.|        0.|       0.|                                |
FUEL COMBUST       |     1573.|     5652.|       77.|       40.|    1553.|                                |
  POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                                |
  IND.COMM.INST.   |     1573.|     5652.|       77.|       40.|    1553.|                                |
    BITUMINOUS COAL|     1472.|     4256.|       70.|       21.|    1260.|       140000.  |(TONS/YEAR)     |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL   |       11.|     1391.|        1.|       13.|     263.|         8753.  |(1000 GAL/YR)   |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER          |       90.|        5.|        6.|        6.|      30.|                                |
SOLID WASTE        |      141.|        0.|      900.|       70.|      21.|                                |
    MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OPEN BURNING   |      120.|        0.|      510.|       37.|      18.|        17200.  |(TONS/YEAR)     |
    ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OTHER          |       21.|        0.|      390.|       33.|       3.|          999.  |(TONS/YEAR)     |
TOTAL EMISSIONS    |     5606.|     6402.|    11477.|      110.|    1574.|                                |
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                                   EMISSION INVENTORY

REGION:001          POLITICAL JURISDISCTION: 2

                   |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS            |
PROCESS            |      830.|      415.|      830.|        0.|       0.|                                |
FUEL COMBUST       |     1034.|       36.|       71.|      139.|    1025.|                                |
  POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                                |
  IND.COMM.INST.   |     1034.|       36.|       71.|      139.|    1025.|                                |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS    |       26.|        1.|        1.|       69.|     671.|         3443.  |(10E06CUFT/YR)  |
    OTHER          |     1009.|       35.|       70.|       70.|     354.|                                |
SOLID WASTE        |      446.|        3.|     4368.|      366.|      58.|                                |
    MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OTHER          |      446.|        3.|     4368.|      366.|      58.|        84469.  |(TONS/YEAR)     |
TOTAL EMISSIONS    |     2320.|      454.|     5269.|      505.|    1083.|                                |
```

```
                                   EMISSION INVENTORY

REGION:001          POLITICAL JURISDISCTION: 3

                   |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS            |
PROCESS            |       21.|        0.|       63.|        5.|       3.|                                |
FUEL COMBUST       |      225.|        0.|       15.|       15.|      75.|                                |
  POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                                |
  IND.COMM.INST.   |      225.|        0.|       15.|       15.|      75.|                                |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER          |      225.|        0.|       15.|       15.|      75.|                                |
SOLID WASTE        |       18.|        0.|      325.|       23.|       3.|                                |
    MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OTHER          |       18.|        0.|      325.|       23.|       3.|         5000.  |(TONS/YEAR)     |
TOTAL EMISSIONS    |      264.|        0.|      403.|       43.|      81.|                                |
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EMISSION INVENTORY

REGION:001 POLITICAL JURISDISCTION: 4

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	10360.	587.	7000.	1.	14.		
FUEL COMBUST	1389.	328.	1866.	2049.	736.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	1389.	328.	1866.	2049.	736.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	4.	62.	0.	0.	9.	313.	(1000 GAL/YR)
DISTILLATE OIL	6.	27.	0.	1.	23.	753.	(1000 GAL/YR)
NATURAL GAS	15.	0.	0.	32.	141.	1616.	(10E06CUFT/YR)
OTHER	1365.	238.	1865.	2015.	557.		
SOLID WASTE	350.	5.	500.	550.	50.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	350.	5.	500.	550.	50.	99960.	(TONS/YEAR)
TOTAL EMISSIONS	12098.	920.	9366.	2600.	794.		

EMISSION INVENTORY

REGION:001 POLITICAL JURISDISCTION: 5

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	3930.	324.	4543.	0.	0.		
FUEL COMBUST	476.	833.	57.	57.	411.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.		
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
OTHER	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
IND.COMM.INST.	476.	833.	57.	57.	0.		
BITUMINOUS COAL	57.	186.	10.	5.	411.		
ANTHRACITE COAL	0.	0.	0.	0.	74.	9800.	(TONS/YEAR)
RESIDUAL OIL	6.	600.	0.	5.	0.	0.	(TONS/YEAR)
DISTILLATE OIL	0.	0.	0.	0.	101.	3353.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
OTHER	413.	47.	47.	47.	0.	1.	(10E06CUFT/YR)
SOLID WASTE	0.	0.	0.	0.	237.		
MUNCIP INCINER	0.	0.	0.	0.	0.		
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	4406.	1157.	4600.	0.	0.	0.	(TONS/YEAR)
				57.	411.		

EMISSION INVENTORY

REGION:001 POLITICAL JURISDISCTION: 6

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	56.	0.	0.	0.	0.		
FUEL COMBUST	163.	0.	13.	13.	65.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.		
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
OTHER	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
IND.COMM.INST.	0.	0.	0.	0.	0.		
	163.	0.	13.	13.	65.		
BITUMINOUS COAL	0.	0.	0.	0.	0.		
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
OTHER	163.	0.	13.	13.	0.	0.	(10E06CUFT/YR)
SOLID WASTE	82.	1.	1254.	106.	65.		
MUNCIP INCINER	0.	0.	0.	0.	11.		
OPEN BURNING	17.	0.	50.	4.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	2.	2506.	(TONS/YEAR)
OTHER	65.	1.	1204.	102.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	301.	1.	1267.	119.	9.	18537.	(TONS/YEAR)
					76.		

EMISSION INVENTORY

REGION:001 POLITICAL JURISDICTION: 8

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	1313.	0.	0.	0.	0.		
FUEL COMBUST	3917.	4818.	105.	56.	1675.		
POWER PLANT	3612.	4803.	85.	25.	1527.		
BITUMINOUS COAL	3612.	4803.	85.	25.	1527.	169653.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND,COMM,INST.	305.	15.	20.	31.	148.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	10.	(1000 GAL/YR)
NATURAL GAS	5.	0.	0.	11.	47.	342.	(10E06CUFT/YR)
OTHER	300.	15.	20.	20.	100.		
SOLID WASTE	221.	6.	890.	219.	52.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	102.	6.	540.	191.	38.	12204.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	119.	0.	350.	28.	14.	14600.	(TONS/YEAR)
TOTAL EMISSIONS	5451.	4824.	995.	275.	1727.		

EMISSION INVENTORY

REGION:001 POLITICAL JURISDICTION: 9

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	179.	600.	8400.	0.	0.		
FUEL COMBUST	53.	680.	101.	123.	689.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND,COMM,INST.	53.	680.	101.	123.	689.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	4.	529.	0.	6.	116.	3672.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	1.	0.	0.	17.	74.	841.	(10E06CUFT/YR)
OTHER	48.	150.	100.	100.	499.		
SOLID WASTE	34.	0.	100.	8.	4.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	34.	0.	100.	8.	4.	4000.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	267.	1280.	8601.	131.	693.		

EMISSION INVENTORY

REGION:002 POLITICAL JURISDICTION: 1

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	2672.	1025.	12300.	0.	0.		
FUEL COMBUST	802.	162.	108.	155.	784.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND,COMM,INST.	802.	162.	108.	155.	784.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	10.	0.	0.	2.	46.	1520.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	12.	1.	0.	46.	201.	2300.	(10E06CUFT/YR)
OTHER	780.	161.	107.	107.	537.		
SOLID WASTE	0.	0.	0.	0.	0.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	3474.	1187.	12408.	155.	784.		

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                              EMISSION INVENTORY

REGION1002          POLITICAL JURISDISCTION: 2

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |        0.|        0.|        0.|        0.|       0.|
FUEL COMBUST        |        0.|        0.|        0.|        0.|       0.|                              |
  POWER PLANT       |        0.|        0.|        0.|        0.|       0.|                              |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)|
    OTHER           |        0.|        0.|        0.|        0.|       0.|                              |
  IND.COMM.INST.    |        0.|        0.|        0.|        0.|       0.|                              |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)|
    OTHER           |        0.|        0.|        0.|        0.|       0.|                              |
SOLID WASTE         |      127.|        0.|      374.|       31.|      15.|                              |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    OTHER           |      127.|        0.|      374.|       31.|      15.|        11250.  |(TONS/YEAR)  |
TOTAL EMISSIONS     |      127.|        0.|      374.|       31.|      15.|                              |
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                              EMISSION INVENTORY

REGION1002          POLITICAL JURISDISCTION: 3

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |        0.|        0.|        0.|        0.|       0.|
FUEL COMBUST        |       91.|       30.|       40.|       41.|     224.|                              |
  POWER PLANT       |        0.|        0.|        0.|        0.|       0.|                              |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)|
    OTHER           |        0.|        0.|        0.|        0.|       0.|                              |
  IND.COMM.INST.    |       91.|       30.|       40.|       41.|     224.|                              |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    RESIDUAL OIL    |        1.|        0.|        0.|        1.|      24.|          815.  |(1000 GAL/YR)|
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)|
    OTHER           |       90.|       30.|       40.|       40.|     200.|                              |
SOLID WASTE         |      213.|        0.|      625.|       50.|      25.|                              |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    OTHER           |      213.|        0.|      625.|       50.|      25.|        24024.  |(TONS/YEAR)  |
TOTAL EMISSIONS     |      304.|       30.|      665.|       91.|     249.|                              |
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                              EMISSION INVENTORY

REGION1002          POLITICAL JURISDISCTION: 4

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |        0.|        0.|        0.|        0.|       0.|
FUEL COMBUST        |        0.|        0.|        0.|        0.|       0.|                              |
  POWER PLANT       |        0.|        0.|        0.|        0.|       0.|                              |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)|
    OTHER           |        0.|        0.|        0.|        0.|       0.|                              |
  IND.COMM.INST.    |        0.|        0.|        0.|        0.|       0.|                              |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)|
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)|
    OTHER           |        0.|        0.|        0.|        0.|       0.|                              |
SOLID WASTE         |      205.|        0.|     1365.|      130.|      26.|                              |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)  |
    OTHER           |      205.|        0.|     1365.|      130.|      26.|        34500.  |(TONS/YEAR)  |
TOTAL EMISSIONS     |      205.|        0.|     1365.|      130.|      26.|                              |
                              EMISSION INVENTORY

REGION:002          POLITICAL JURISDICTION: 6

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |     9026.|        0.|      218.|     2117.|       0.|
FUEL COMBUST        |      186.|      156.|        2.|       72.|     372.|
   POWER PLANT      |        7.|        0.|        0.|       19.|      97.|
      BITUMINOUS COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ANTHRACITE COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      RESIDUAL OIL  |        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      DISTILLATE OIL|        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      NATURAL GAS   |        7.|        0.|        0.|       19.|      97.|        967.   |(10E06CUFT/YR) |
      OTHER         |        0.|        0.|        0.|        0.|       0.|
   IND.COMM.INST.   |      179.|      155.|        2.|       53.|     275.|
      BITUMINOUS COAL|     147.|       57.|        2.|        0.|      28.|       3142.   |(TONS/YEAR)    |
      ANTHRACITE COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      RESIDUAL OIL  |        5.|       97.|        0.|        1.|      25.|        817.   |(1000 GAL/YR)  |
      DISTILLATE OIL|        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      NATURAL GAS   |       23.|        1.|        1.|       51.|     222.|       2542.   |(10E06CUFT/YR) |
      OTHER         |        0.|        0.|        0.|        0.|       0.|
SOLID WASTE         |       34.|        0.|      634.|       54.|       5.|
      MUNCIP INCINER|        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      OPEN BURNING  |        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ON-SITE INCIN.|        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      OTHER         |       34.|        0.|      634.|       54.|       5.|       9734.   |(TONS/YEAR)    |
TOTAL EMISSIONS     |     9246.|      156.|      854.|     2243.|     377.|
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                              EMISSION INVENTORY

REGION:002          POLITICAL JURISDICTION: 7

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |      290.|        0.|        0.|        0.|       0.|
FUEL COMBUST        |        0.|        0.|        0.|        0.|       0.|
   POWER PLANT      |        0.|        0.|        0.|        0.|       0.|
      BITUMINOUS COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ANTHRACITE COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      RESIDUAL OIL  |        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      DISTILLATE OIL|        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      NATURAL GAS   |        0.|        0.|        0.|        0.|       0.|          0.   |(10E06CUFT/YR) |
      OTHER         |        0.|        0.|        0.|        0.|       0.|
   IND.COMM.INST.   |        0.|        0.|        0.|        0.|       0.|
      BITUMINOUS COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ANTHRACITE COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      RESIDUAL OIL  |        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      DISTILLATE OIL|        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      NATURAL GAS   |        0.|        0.|        0.|        0.|       0.|          0.   |(10E06CUFT/YR) |
      OTHER         |        0.|        0.|        0.|        0.|       0.|
SOLID WASTE         |       32.|        0.|      585.|       50.|       5.|
      MUNCIP INCINER|        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      OPEN BURNING  |        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ON-SITE INCIN.|        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      OTHER         |       32.|        0.|      585.|       50.|       5.|       9000.   |(TONS/YEAR)    |
TOTAL EMISSIONS     |      322.|        0.|      585.|       50.|       5.|
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                              EMISSION INVENTORY

REGION:002          POLITICAL JURISDICTION: 8

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |      369.|        0.|        0.|        0.|       0.|
FUEL COMBUST        |        0.|        0.|        0.|        0.|       0.|
   POWER PLANT      |        0.|        0.|        0.|        0.|       0.|
      BITUMINOUS COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ANTHRACITE COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      RESIDUAL OIL  |        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      DISTILLATE OIL|        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      NATURAL GAS   |        0.|        0.|        0.|        0.|       0.|          0.   |(10E06CUFT/YR) |
      OTHER         |        0.|        0.|        0.|        0.|       0.|
   IND.COMM.INST.   |        0.|        0.|        0.|        0.|       0.|
      BITUMINOUS COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ANTHRACITE COAL|       0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      RESIDUAL OIL  |        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      DISTILLATE OIL|        0.|        0.|        0.|        0.|       0.|          0.   |(1000 GAL/YR)  |
      NATURAL GAS   |        0.|        0.|        0.|        0.|       0.|          0.   |(10E06CUFT/YR) |
      OTHER         |        0.|        0.|        0.|        0.|       0.|
SOLID WASTE         |       77.|        0.|      493.|       41.|       9.|
      MUNCIP INCINER|        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      OPEN BURNING  |        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      ON-SITE INCIN.|        0.|        0.|        0.|        0.|       0.|          0.   |(TONS/YEAR)    |
      OTHER         |       77.|        0.|      493.|       41.|       9.|      11906.   |(TONS/YEAR)    |
TOTAL EMISSIONS     |      446.|        0.|      493.|       41.|       9.|
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EMISSION INVENTORY

REGION:002 POLITICAL JURISDISCTION: 9

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	13065.	0.	0.	0.	41.		
FUEL COMBUST	835.	205.	12796.	3044.	2025.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	835.	205.	12796.	3044.	2025.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	1.	14.	0.	0.	3.	90.	(1000 GAL/YR)
DISTILLATE OIL	1.	5.	0.	0.	3.	95.	(1000 GAL/YR)
NATURAL GAS	183.	6.	4.	407.	1780.	20347.	(10E06CUFT/YR)
OTHER	650.	179.	12792.	2637.	239.		
SOLID WASTE	36.	0.	676.	57.	6.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	36.	0.	676.	57.	6.	10400.	(TONS/YEAR)
TOTAL EMISSIONS	13936.	205.	13472.	3101.	2072.		

EMISSION INVENTORY

REGION:002 POLITICAL JURISDISCTION:10

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	27.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	163.	0.	888.	73.	20.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	163.	0.	888.	73.	20.	23501.	(TONS/YEAR)
TOTAL EMISSIONS	190.	0.	888.	73.	20.		

EMISSION INVENTORY

REGION:002 POLITICAL JURISDISCTION:11

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	3365.	149.	8646.	0.	0.		
FUEL COMBUST	1985.	254.	130.	156.	815.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	1985.	254.	130.	156.	815.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	24.	253.	0.	3.	64.	2129.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	10.	0.	0.	23.	101.	1158.	(10E06CUFT/YR)
OTHER	1950.	0.	130.	130.	650.		
SOLID WASTE	79.	1.	1469.	124.	11.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	79.	1.	1469.	124.	11.	22984.	(TONS/YEAR)
TOTAL EMISSIONS	5429.	404.	10245.	280.	826.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 1

PROCESS	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	14955.	0.	13315.	353.	2171.		
FUEL COMBUST	58.	107.	3.	16.	104.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	58.	107.	3.	16.	104.		
BITUMINOUS COAL	28.	38.	3.	1.	21.	2834.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	1.	11.	350.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	1.	0.	0.	14.	63.	717.	(10E06CUFT/YR)
OTHER	29.	69.	0.	0.	10.		
SOLID WASTE	21.	4.	63.	5.	3.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	21.	4.	63.	5.	3.	2502.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	15034.	111.	13381.	374.	2278.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 2

PROCESS	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	0.	0.	0.	0.	0.		
FUEL COMBUST	297.	388.	8.	28.	195.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	297.	388.	8.	28.	195.		
BITUMINOUS COAL	271.	138.	8.	4.	57.	7567.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	16.	249.	0.	2.	43.	1426.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	10.	0.	0.	22.	95.	1094.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	84.	1.	1560.	132.	12.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	84.	1.	1560.	132.	12.	24392.	(TONS/YEAR)
TOTAL EMISSIONS	381.	389.	1568.	160.	207.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 4

PROCESS	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	46.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	112.	1.	1427.	21.	15.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	42.	0.	127.	10.	5.	5093.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	70.	1.	1300.	11.	10.	20165.	(TONS/YEAR)
TOTAL EMISSIONS	158.	1.	1427.	21.	15.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 6

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	0.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	127.	0.	660.	55.	16.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	127.	0.	660.	55.	16.	18070.	(TONS/YEAR)
TOTAL EMISSIONS	127.	0.	660.	55.	16.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 7

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	6171.	5159.	1066.	2131.	19.		
FUEL COMBUST	2148.	8656.	78.	122.	1910.		
POWER PLANT	566.	3830.	67.	21.	1214.		
BITUMINOUS COAL	566.	3829.	67.	20.	1209.	124266.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	1.	0.	0.	1.	22.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	1.	4.	51.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	1582.	4826.	10.	101.	695.		
BITUMINOUS COAL	1438.	654.	9.	3.	162.	17980.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	50.	778.	0.	6.	129.	4307.	(1000 GAL/YR)
DISTILLATE OIL	1.	3.	0.	0.	4.	144.	(1000 GAL/YR)
NATURAL GAS	41.	1.	1.	91.	400.	4570.	(10E06CUFT/YR)
OTHER	52.	3190.	0.	0.	0.		
SOLID WASTE	37.	0.	183.	3.	12.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	30.	0.	159.	0.	11.	3750.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	7.	0.	24.	3.	1.	887.	(TONS/YEAR)
TOTAL EMISSIONS	8356.	13815.	1327.	2256.	1941.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 8

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	9.	0.	0.	0.	0.		
FUEL COMBUST	14.	82.	0.	16.	83.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	14.	82.	0.	16.	83.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	7.	82.	0.	1.	19.	624.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	7.	0.	0.	15.	64.	732.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	15.	0.	46.	4.	2.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	15.	0.	46.	4.	2.	1820.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	38.	82.	46.	20.	85.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION: 9

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	82629.	642.	74099.	0.	0.		
FUEL COMBUST	11706.	6178.	162.	100.	3321.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	11706.	6178.	162.	100.	3321.		
BITUMINOUS COAL	11688.	6068.	144.	43.	3040.	207163.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	6.	80.	0.	1.	16.	321.	(1000 GAL/YR)
DISTILLATE OIL	3.	3.	0.	1.	11.	363.	(1000 GAL/YR)
NATURAL GAS	9.	1.	0.	37.	163.	1858.	(10E06CUFT/YR)
OTHER	0.	27.	18.	18.	91.		
SOLID WASTE	9.	0.	47.	17.	3.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	9.	0.	47.	17.	3.	1101.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	94344.	6820.	74308.	117.	3324.		

EMISSION INVENTORY

REGION:003 POLITICAL JURISDISCTION:10

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	305.	0.	1573.	12.	6.		
FUEL COMBUST	79.	106.	4.	14.	123.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	79.	106.	4.	14.	123.		
BITUMINOUS COAL	76.	106.	4.	1.	65.	7237.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	1426.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	3.	0.	0.	13.	58.	659.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	104.	0.	307.	25.	12.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	104.	0.	307.	25.	12.	12272.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	488.	106.	1884.	51.	141.		

EMISSION INVENTORY

REGION:004 POLITICAL JURISDISCTION: 1

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	1065.	0.	0.	0.	0.		
FUEL COMBUST	999.	74.	74.	74.	370.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	999.	74.	74.	74.	370.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	999.	74.	74.	74.	370.		
SOLID WASTE	389.	0.	577.	69.	19.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	353.	0.	161.	13.	13.	6400.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	36.	0.	416.	56.	6.	12015.	(TONS/YEAR)
TOTAL EMISSIONS	2453.	74.	651.	143.	389.		

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                                              EMISSION INVENTORY

REGION:004           POLITICAL JURISDISCTION: 3

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |      450.|        0.|        0.|        0.|       0.|                              |
FUEL COMBUST        |        0.|        0.|        0.|        0.|       0.|                              |
   POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|       0.     |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|       0.     |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|       0.     |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
   IND,COMM,INST.   |        0.|        0.|        0.|        0.|       0.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|       0.     |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|       0.     |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|       0.     |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
SOLID WASTE         |      103.|        3.|      426.|       42.|      28.|                              |
     MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     OPEN BURNING   |       75.|        3.|        5.|        5.|      25.|    5000.     |(TONS/YEAR)    |
     ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     OTHER          |       28.|        0.|      423.|       37.|       3.|    6500.     |(TONS/YEAR)    |
TOTAL EMISSIONS     |      553.|        3.|      428.|       42.|      28.|                              |
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                                              EMISSION INVENTORY

REGION:004           POLITICAL JURISDISCTION: 4

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |     6269.|        0.|        0.|      356.|       0.|                              |
FUEL COMBUST        |        4.|       14.|        0.|        1.|      11.|                              |
   POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|       0.     |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|       0.     |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|       0.     |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
   IND,COMM,INST.   |        4.|       14.|        0.|        1.|      11.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     RESIDUAL OIL   |        3.|       12.|        0.|        0.|       9.|     300.     |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        2.|        0.|        0.|       2.|      60.     |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|       0.     |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
SOLID WASTE         |       57.|        0.|      169.|       14.|       7.|                              |
     MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|       0.     |(TONS/YEAR)    |
     OTHER          |       57.|        0.|      169.|       14.|       7.|    6750.     |(TONS/YEAR)    |
TOTAL EMISSIONS     |     6330.|       14.|      169.|      371.|      18.|                              |
                                  EMISSION INVENTORY

REGION:004          POLITICAL JURISDISCTION: 5

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS           |
PROCESS             |     325.|        0.|        0.|        0.|        0.|                                |
FUEL COMBUST        |    3082.|    51909.|      683.|      205.|    12305.|                                |
   POWER PLANT      |    3082.|    51909.|      683.|      205.|    12305.|                                |
     BITUMINOUS COAL|    3082.|    51906.|      683.|      205.|    12293.|  1365940.   |(TONS/YEAR)       |
     ANTHRACITE COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     RESIDUAL OIL   |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     DISTILLATE OIL |       0.|        3.|        0.|        1.|       12.|      388.   |(1000 GAL/YR)     |
     NATURAL GAS    |       0.|        0.|        0.|        0.|        0.|        0.   |(10E06CUFT/YR)    |
     OTHER          |       0.|        0.|        0.|        0.|        0.|                                |
   IND.COMM.INST.   |       0.|        0.|        0.|        0.|        0.|                                |
     BITUMINOUS COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     ANTHRACITE COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     RESIDUAL OIL   |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     DISTILLATE OIL |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     NATURAL GAS    |       0.|        0.|        0.|        0.|        0.|        0.   |(10E06CUFT/YR)    |
     OTHER          |       0.|        0.|        0.|        0.|        0.|                                |
SOLID WASTE         |       7.|        0.|      130.|       11.|        1.|                                |
     MUNCIP INCINER |       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     OPEN BURNING   |       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     ON-SITE INCIN. |       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     OTHER          |       7.|        0.|      130.|       11.|        1.|     2000.   |(TONS/YEAR)       |
TOTAL EMISSIONS     |    3414.|    51909.|      813.|      216.|    12306.|                                |
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                                  EMISSION INVENTORY

REGION:004          POLITICAL JURISDISCTION: 6

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS           |
PROCESS             |       0.|        0.|        0.|        0.|        0.|                                |
FUEL COMBUST        |       0.|        0.|        0.|        0.|        0.|                                |
   POWER PLANT      |       0.|        0.|        0.|        0.|        0.|                                |
     BITUMINOUS COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     ANTHRACITE COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     RESIDUAL OIL   |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     DISTILLATE OIL |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     NATURAL GAS    |       0.|        0.|        0.|        0.|        0.|        0.   |(10E06CUFT/YR)    |
     OTHER          |       0.|        0.|        0.|        0.|        0.|                                |
   IND.COMM.INST.   |       0.|        0.|        0.|        0.|        0.|                                |
     BITUMINOUS COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     ANTHRACITE COAL|       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     RESIDUAL OIL   |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     DISTILLATE OIL |       0.|        0.|        0.|        0.|        0.|        0.   |(1000 GAL/YR)     |
     NATURAL GAS    |       0.|        0.|        0.|        0.|        0.|        0.   |(10E06CUFT/YR)    |
     OTHER          |       0.|        0.|        0.|        0.|        0.|                                |
SOLID WASTE         |     110.|        1.|     1435.|      121.|       11.|                                |
     MUNCIP INCINER |       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     OPEN BURNING   |       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     ON-SITE INCIN. |       0.|        0.|        0.|        0.|        0.|        0.   |(TONS/YEAR)       |
     OTHER          |     110.|        1.|     1435.|      121.|       11.|    22032.   |(TONS/YEAR)       |
TOTAL EMISSIONS     |     110.|        1.|     1435.|      121.|       11.|                                |
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EMISSION INVENTORY

Region: 004 Political Jurisdiction: 7

	Part. (T/Yr)	SO_x (T/Yr)	CO (T/Yr)	HC (T/Yr)	NO_x (T/Yr)	Fuel Or Refuse	Unit
PROCESS	138983.	56807.	87071.	28858.	413.		
FUEL COMBUSTION	12314.	13508.	199.	445.	8030.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(Tons/Year)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(Tons/Year)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 Gal/Yr)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 Gal/Yr)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06 Cuft/Yr)
OTHER	0.	0.	0.	0.	0.	0.	
IND., COMM., INST.	12314.	13508.	199.	445.	8030.		
BITUMINOUS COAL	10050.	3315.	145.	53.	1146.	142604.	(Tons/Year)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(Tons/Year)
RESIDUAL OIL	28.	100.	0.	4.	73.	2448.	(1000 Gal/Yr)
DISTILLATE OIL	33.	144.	0.	7.	130.	4344.	(1000 Gal/Yr)
NATURAL GAS	170.	6.	24.	343.	1543.	18817.	(10E06 Cuft/Yr)
OTHER	2033.	9943.	30.	38.	5138.		
SOLID WASTE	24.	1.	127.	46.	9.		
MUNICIPAL INCIN.	0.	0.	0.	0.	0.	0.	(Tons/Year)
OPEN BURNING	24.	1.	127.	46.	9.	3005.	(Tons/Year)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(Tons/Year)
OTHER	0.	0.	0.	0.	0.	0.	(Tons/Year)
TOTAL EMISSIONS	151,321.	70316.	87397.	29349.	8452.		

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                                        EMISSION INVENTORY

REGION:004          POLITICAL JURISDISCTION: 8
                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |        0.|        0.|        0.|        0.|        0.|              |               |
FUEL COMBUST        |        0.|        0.|        0.|        0.|        0.|              |               |
  POWER PLANT       |        0.|        0.|        0.|        0.|        0.|              |               |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    NATURAL GAS     |        0.|        0.|        0.|        0.|        0.|            0.|(10E06CUFT/YR) |
    OTHER           |        0.|        0.|        0.|        0.|        0.|              |               |
  IND,COMM,INST.    |        0.|        0.|        0.|        0.|        0.|              |               |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    NATURAL GAS     |        0.|        0.|        0.|        0.|        0.|            0.|(10E06CUFT/YR) |
    OTHER           |        0.|        0.|        0.|        0.|        0.|              |               |
  SOLID WASTE       |       67.|        4.|      685.|       58.|        9.|              |               |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    OPEN BURNING    |       35.|        0.|      103.|        8.|        4.|         4115.|(TONS/YEAR)    |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    OTHER           |       32.|        4.|      582.|       50.|        5.|         9000.|(TONS/YEAR)    |
TOTAL EMISSIONS     |       67.|        4.|      685.|       58.|        9.|              |               |
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                                        EMISSION INVENTORY

REGION:004          POLITICAL JURISDISCTION: 9
                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |        0.|        0.|        0.|      100.|        0.|              |               |
FUEL COMBUST        |      236.|       12.|       17.|       41.|     8835.|              |               |
  POWER PLANT       |        9.|        0.|        0.|       24.|     8752.|              |               |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    NATURAL GAS     |        9.|        0.|        0.|       24.|     4376.|         1199.|(10E06CUFT/YR) |
    OTHER           |        0.|        0.|        0.|        0.|     4376.|              |               |
  IND,COMM,INST.    |      227.|       12.|       17.|       17.|       83.|              |               |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    NATURAL GAS     |        0.|        0.|        0.|        0.|        0.|            0.|(10E06CUFT/YR) |
    OTHER           |      227.|       12.|       17.|       17.|       83.|              |               |
  SOLID WASTE       |      336.|        2.|     3206.|      269.|       42.|              |               |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    OPEN BURNING    |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    OTHER           |      336.|        2.|     3206.|      269.|       42.|        62439.|(TONS/YEAR)    |
TOTAL EMISSIONS     |      572.|       14.|     3223.|      410.|     8877.|              |               |
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                                        EMISSION INVENTORY

REGION:004          POLITICAL JURISDISCTION:10
                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS             |     2806.|        0.|        0.|        0.|        0.|              |               |
FUEL COMBUST        |        0.|        0.|        0.|        0.|        0.|              |               |
  POWER PLANT       |        0.|        0.|        0.|        0.|        0.|              |               |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    NATURAL GAS     |        0.|        0.|        0.|        0.|        0.|            0.|(10E06CUFT/YR) |
    OTHER           |        0.|        0.|        0.|        0.|        0.|              |               |
  IND,COMM,INST.    |        0.|        0.|        0.|        0.|        0.|              |               |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|        0.|            0.|(1000 GAL/YR)  |
    NATURAL GAS     |        0.|        0.|        0.|        0.|        0.|            0.|(10E06CUFT/YR) |
    OTHER           |        0.|        0.|        0.|        0.|        0.|              |               |
  SOLID WASTE       |        0.|        0.|        0.|        0.|        0.|              |               |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    OPEN BURNING    |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
    OTHER           |        0.|        0.|        0.|        0.|        0.|            0.|(TONS/YEAR)    |
TOTAL EMISSIONS     |     2806.|        0.|        0.|        0.|        0.|              |               |
                                   EMISSION INVENTORY


REGION:004          POLITICAL JURISDISCTION:11

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS           |
PROCESS             |    26955.|        0.|      249.|        0.|       8.|                              |
FUEL COMBUST        |    17820.|    54143.|     1638.|      491.|   29479.|                              |
   POWER PLANT      |    17820.|    54143.|     1638.|      491.|   29479.|                              |
     BITUMINOUS COAL|    17820.|    54143.|     1638.|      491.|   29479.|   3275469.   |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
   IND,COMM,INST.   |        0.|        0.|        0.|        0.|       0.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
SOLID WASTE         |        0.|        0.|        0.|        0.|       0.|                              |
     MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     OTHER          |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
TOTAL EMISSIONS     |    44774.|    54143.|     1887.|      491.|   29487.|                              |


                                   EMISSION INVENTORY


REGION:004          POLITICAL JURISDISCTION:12

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)| UEL OR REFUSE|UNITS           |
PROCESS             |      137.|        0.|        0.|        0.|       0.|                              |
FUEL COMBUST        |      167.|        6.|       11.|       16.|      76.|                              |
   POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
   IND,COMM,INST.   |      167.|        6.|       11.|       16.|      76.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       2.|        60.   |(1000 GAL/YR)  |
     NATURAL GAS    |        2.|        0.|        0.|        4.|      20.|       224.   |(10E06CUFT/YR) |
     OTHER          |      165.|        6.|       11.|       11.|      55.|                              |
SOLID WASTE         |      378.|       11.|     1071.|       95.|      74.|                              |
     MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     OPEN BURNING   |      247.|        0.|      725.|       58.|      29.|     30434.   |(TONS/YEAR)    |
     ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     OTHER          |      131.|       11.|      346.|       37.|      45.|     13600.   |(TONS/YEAR)    |
TOTAL EMISSIONS     |      682.|       17.|     1082.|      111.|     150.|                              |


                                   EMISSION INVENTORY


REGION:004          POLITICAL JURISDISCTION:13

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS           |
PROCESS             |    12271.|      978.|    64711.|        0.|       0.|                              |
FUEL COMBUST        |     7596.|     1538.|      346.|      359.|    2330.|                              |
   POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                              |
     BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR) |
     OTHER          |        0.|        0.|        0.|        0.|       0.|                              |
   IND,COMM,INST.   |     7596.|     1538.|      346.|      359.|    2330.|                              |
     BITUMINOUS COAL|     7116.|     1273.|       33.|       10.|     603.|     66976.   |(TONS/YEAR)    |
     ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     RESIDUAL OIL   |        2.|       32.|        0.|        0.|       6.|       200.   |(1000 GAL/YR)  |
     DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)  |
     NATURAL GAS    |       17.|        1.|        0.|       37.|     161.|      1840.   |(10E06CUFT/YR) |
     OTHER          |      461.|      233.|      312.|      312.|    1560.|                              |
SOLID WASTE         |        0.|        0.|        0.|        0.|       0.|                              |
     MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
     OTHER          |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)    |
TOTAL EMISSIONS     |    19867.|     2516.|    65057.|      359.|    2330.|                              |
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EMISSION INVENTORY

REGION:004 POLITICAL JURISDISCTION:14

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	0.	0.	0.	0.	0.		
FUEL COMBUST	56827.	54,537.	931.	279.	16749.		
POWER PLANT	56827.	54,537.	931.	279.	16749.		
BITUMINOUS COAL	56827.	54537.	931.	279.	16749.	1861025.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	0.	0.	0.	0.	0.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	56827	54537.	931.	279.	16749.		

EMISSION INVENTORY

REGION:005 POLITICAL JURISDISCTION: 1

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	55.	6.	169.	2971.	0.		
FUEL COMBUST	43.	3.	3.	40.	60.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	43.	3.	3.	40.	60.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	5.	0.	0.	10.	45.	910.	(10E06CUFT/YR)
OTHER	38.	3.	3.	30.	15.		
SOLID WASTE	64.	0.	188.	15.	8.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	64.	0.	188.	15.	8.	7499.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	162.	9.	360.	3026.	68.		

EMISSION INVENTORY

REGION:005 POLITICAL JURISDISCTION: 2

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	175.	169	36.	0.	0.		
FUEL COMBUST	1831.	194	363.	369.	1842.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	1831.	194.	363.	369.	1842.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	3.	0.	0.	6.	26.	296.	(10E06CUFT/YR)
OTHER	1828.	194.	363.	363.	1816.		
SOLID WASTE	79.	0.	504.	42.	11.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	61.	0.	179.	14.	8.	1874.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	18.	0.	325.	28.	3.	4997.	(TONS/YEAR)
TOTAL EMISSIONS	2085.	363.	903.	411.	1853.		

EMISSION INVENTORY

Region: 005 Political Jurisdiction: 3

	Part. (T/Yr)	SO_x (T/Yr)	CO (T/Yr)	HC (T/Yr)	NO_x (T/Yr)	Fuel Or Refuse	Unit
PROCESS	58444.	9828.	150.	7996.	0.		
FUEL COMBUSTION	26124.	183251.	4338.	2271.	66945.		
POWER PLANT	23785.	170191.	1059.	505.	56853.		
BITUMINOUS COAL	23774.	170188.	1057.	317.	55022.	2113523.	(Tons/Year)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(Tons/Year)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 Gal/Yr)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 Gal/Yr)
NATURAL GAS	11.	3.	2.	188.	1831.	9389.	(10E06 Cuft/Yr)
OTHER	0.	0.	0.	0.	0.	0.	
IND., COMM., INST.	2339.	13060.	3279.	1766.	10092.		
BITUMINOUS COAL	423.	12551.	132.	40.	2378.	264242.	(Tons/Year)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(Tons/Year)
RESIDUAL OIL	15.	292.	0.	3.	51.	1691.	(1000 Gal/Yr)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 Gal/Yr)
NATURAL GAS	91.	4.	3.	260.	1139.	13013.	(10E06 Cuft/Yr)
OTHER	1810.	213.	3144.	1463.	6524.		
SOLID WASTE	143.	5.	3044.	317.	39.		
MUNICIPAL INCIN.	0.	0.	0.	0.	0.	0.	(Tons/Year)
OPEN BURNING	52.	3.	251.	80.	17.	4627.	(Tons/Year)
ON-SITE INCIN.	91.	2.	2793.	237.	22.	42917.	(Tons/Year)
OTHER	0.	0.	0.	0.	0.	0.	(Tons/Year)
TOTAL EMISSIONS	84711.	193084.	7532.	10584.	66984.		

EMISSION INVENTORY

REGION:006 POLITICAL JURISDICTION: 1

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	9972.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
NATURAL GAS	0.	0.	0.	0.	0.		
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
NATURAL GAS	0.	0.	0.	0.	0.		
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	835.	1.	4672.	383.	102.	0.	(TONS/YEAR)
MUNCIP INCINER	0.	0.	0.	0.	0.	80217.	(TONS/YEAR)
OPEN BURNING	692.	0.	2033.	160.	82.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	46379.	(TONS/YEAR)
OTHER	143.	1.	2639.	223.	20.		
TOTAL EMISSIONS	10807.	1.	4672.	383.	102.		

EMISSION INVENTORY

REGION:006 POLITICAL JURISDISCTION: 2

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	0.	0.	0.	209.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	7.	0.	130.	11.	1.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	7.	0.	130.	11.	1.	200.	(TONS/YEAR)
TOTAL EMISSIONS	7.	0.	130.	220.	1.		

EMISSION INVENTORY

REGION:006 POLITICAL JURISDISCTION: 3

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	0.	0.	0.	0.	0.		
FUEL COMBUST	205.	171.	15.	411.	4029.		
POWER PLANT	115.	162.	9.	405.	4014.		
BITUMINOUS COAL	94.	156.	5.	2.	89.	7124.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	21.	6.	4.	403.	3926.	20132.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	90.	9.	6.	6.	15.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	90.	9.	6.	6.	15.		
SOLID WASTE	63.	0.	1170.	35.	9.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	63.	0.	1170.	35.	9.	18000.	(TONS/YEAR)
TOTAL EMISSIONS	268.	171.	1185.	446.	4038.		

EMISSION INVENTORY

REGION:006 POLITICAL JURISDISCTION: 4

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	0.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	83.	0.	244.	20.	10.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	83.	0.	244.	20.	10.	9750.	(TONS/YEAR)
TOTAL EMISSIONS	83.	0.	244.	20.	10.		

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                                        EMISSION INVENTORY

REGION:006         POLITICAL JURISDICTION: 5

                   |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS            |     1710.|        0.|        0.|        0.|       0.|
FUEL COMBUST       |        0.|        0.|        0.|        0.|       0.|
  POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                               |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0. |(10E06CUFT/YR) |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                               |
  IND.COMM.INST.   |        0.|        0.|        0.|        0.|       0.|                               |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0. |(10E06CUFT/YR) |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                               |
SOLID WASTE        |        0.|        0.|        0.|        0.|       0.|                               |
    MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    OTHER          |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
TOTAL EMISSIONS    |     1710.|        0.|        0.|        0.|       0.|                               |
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                                        EMISSION INVENTORY

REGION:006         POLITICAL JURISDICTION: 6

                   |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS            |        0.|        0.|        0.|        0.|       0.|                               |
FUEL COMBUST       |        0.|        0.|        0.|        0.|       0.|                               |
  POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                               |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0. |(10E06CUFT/YR) |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                               |
  IND.COMM.INST.   |        0.|        0.|        0.|        0.|       0.|                               |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0. |(10E06CUFT/YR) |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                               |
SOLID WASTE        |      109.|        2.|     2028.|      172.|      16.|                               |
    MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    OPEN BURNING   |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    OTHER          |      109.|        2.|     2028.|      172.|      16.|            0. |(TONS/YEAR)    |
TOTAL EMISSIONS    |      109.|        2.|     2028.|      172.|      16.|                               |
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                                        EMISSION INVENTORY

REGION:006         POLITICAL JURISDICTION: 7

                   |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS          |
PROCESS            |     1545.|      977.|        0.|      119.|       0.|                               |
FUEL COMBUST       |       58.|      150.|     1588.|      371.|      52.|                               |
  POWER PLANT      |        0.|        0.|        0.|        0.|       0.|                               |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    RESIDUAL OIL   |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0. |(10E06CUFT/YR) |
    OTHER          |        0.|        0.|        0.|        0.|       0.|                               |
  IND.COMM.INST.   |       58.|      150.|     1588.|      371.|      52.|                               |
    BITUMINOUS COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    ANTHRACITE COAL|        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    RESIDUAL OIL   |        0.|       30.|        0.|        0.|       8.|          250. |(1000 GAL/YR)  |
    DISTILLATE OIL |        0.|        0.|        0.|        0.|       0.|            0. |(1000 GAL/YR)  |
    NATURAL GAS    |        0.|        0.|        0.|        0.|       0.|            0. |(10E06CUFT/YR) |
    OTHER          |       58.|      120.|     1588.|      371.|      44.|                               |
SOLID WASTE        |      360.|        0.|      776.|       64.|      16.|                               |
    MUNCIP INCINER |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    OPEN BURNING   |      100.|        0.|      295.|       23.|      12.|        11856. |(TONS/YEAR)    |
    ON-SITE INCIN. |        0.|        0.|        0.|        0.|       0.|            0. |(TONS/YEAR)    |
    OTHER          |      260.|        0.|      481.|       41.|       4.|         7540. |(TONS/YEAR)    |
TOTAL EMISSIONS    |     1963.|     1127.|     2364.|      554.|      68.|                               |
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EMISSION INVENTORY

REGION:007   POLITICAL JURISDISCTION: 1

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	21118.	185.	207.	2250.	501.		
FUEL COMBUST	65402.	157045.	1611.	380.	18515.		
POWER PLANT	65027.	156423.	1604.	301.	18072.		
BITUMINOUS COAL	65027.	156423.	1604.	301.	18072.	2000000.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND,COMM,INST.	376.	622.	7.	79.	443.		
BITUMINOUS COAL	333.	602.	6.	3.	80.	9458.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	9.	19.	0.	2.	38.	1269.	(1000 GAL/YR)
NATURAL GAS	33.	1.	1.	74.	325.	3712.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	98.	2.	343.	62.	18.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	98.	2.	343.	62.	18.	11666.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	86619.	157232.	2161.	2692.	19034.		

EMISSION INVENTORY

REGION:007   POLITICAL JURISDISCTION: 3

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	1575.	0.	0.	0.	0.		
FUEL COMBUST	783.	267.	12.	6.	99.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND,COMM,INST.	783.	267.	12.	6.	99.		
BITUMINOUS COAL	780.	228.	12.	6.	90.	12000.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	3.	39.	0.	0.	9.	300.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	0.	0.	0.	0.	0.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
TOTAL EMISSIONS	2358.	267.	12.	6.	99.		

EMISSION INVENTORY

REGION:007   POLITICAL JURISDISCTION: 4

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	6095.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND,COMM,INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	42.	1.	780.	66.	6.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	42.	1.	780.	66.	6.	12000.	(TONS/YEAR)
TOTAL EMISSIONS	6137.	1.	780.	66.	6.		

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                              EMISSION INVENTORY

REGION:007          POLITICAL JURISDISCTION: 5

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS            |
PROCESS             |     3036.|        0.|       27.|       77.|       0.|                                |
FUEL COMBUST        |   211862.|   249205.|     2187.|      742.|   39727.|                                |
  POWER PLANT       |   211823.|   249204.|     2186.|      656.|   39348.|                                |
    BITUMINOUS COAL |   211823.|   249204.|     2186.|      656.|   39348.|   4372000.   |(TONS/YEAR)      |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR)   |
    OTHER           |        0.|        0.|        0.|        0.|       0.|                                |
  IND.COMM.INST.    |       39.|        1.|        1.|       87.|     379.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    NATURAL GAS     |       39.|        1.|        1.|       87.|     379.|      4331.   |(10E06CUFT/YR)   |
    OTHER           |        0.|        0.|        0.|        0.|       0.|                                |
SOLID WASTE         |       25.|        0.|      454.|       38.|       3.|                                |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    OTHER           |       25.|        0.|      454.|       38.|       3.|      7072.   |(TONS/YEAR)      |
TOTAL EMISSIONS     |   214923.|   249205.|     2668.|      857.|   39730.|                                |
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                              EMISSION INVENTORY

REGION:007          POLITICAL JURISDISCTION: 6

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS            |
PROCESS             |      143.|        0.|      539.|        0.|       8.|                                |
FUEL COMBUST        |        0.|        0.|        0.|        0.|       0.|                                |
  POWER PLANT       |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR)   |
    OTHER           |        0.|        0.|        0.|        0.|       0.|                                |
  IND.COMM.INST.    |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR)   |
    OTHER           |        0.|        0.|        0.|        0.|       0.|                                |
SOLID WASTE         |       34.|        0.|      593.|       56.|       5.|                                |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    OTHER           |       34.|        0.|      593.|       56.|       5.|      9120.   |(TONS/YEAR)      |
TOTAL EMISSIONS     |      177.|        0.|     1132.|       56.|      13.|                                |
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                              EMISSION INVENTORY

REGION:007          POLITICAL JURISDISCTION: 9

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS            |
PROCESS             |    13030.|        0.|        0.|      138.|       0.|                                |
FUEL COMBUST        |      154.|      117.|     4951.|     1096.|     101.|                                |
  POWER PLANT       |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|         0.   |(1000 GAL/YR)    |
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|         0.   |(10E06CUFT/YR)   |
    OTHER           |        0.|        0.|        0.|        0.|       0.|                                |
  IND.COMM.INST.    |      154.|      117.|     4951.|     1096.|     101.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    RESIDUAL OIL    |        1.|       19.|        0.|        0.|       3.|        98.   |(1000 GAL/YR)    |
    DISTILLATE OIL  |        1.|        4.|        0.|        0.|       3.|       213.   |(1000 GAL/YR)    |
    NATURAL GAS     |        2.|        0.|        0.|        4.|      17.|       196.   |(10E06CUFT/YR)   |
    OTHER           |      150.|       94.|     4951.|     1092.|      78.|                                |
SOLID WASTE         |        0.|        0.|        0.|        0.|       0.|                                |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
    OTHER           |        0.|        0.|        0.|        0.|       0.|         0.   |(TONS/YEAR)      |
TOTAL EMISSIONS     |    13184.|      117.|     4951.|     1234.|     101.|                                |
```

EMISSION INVENTORY

REGION:007 POLITICAL JURISDISCTION:10

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	18558.	2772.	92.	2989.	0.		
FUEL COMBUST	76.	0.	5.	5.	26.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	76.	0.	5.	5.	26.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	76.	0.	5.	5.	26.		
SOLID WASTE	143.	1.	1210.	113.	12.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	93.	0.	272.	33.	5.	11025.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	50.	1.	938.	80.	7.	14676.	(TONS/YEAR)
TOTAL EMISSIONS	18777.	2773.	1307.	3107.	38.		

EMISSION INVENTORY

REGION:007 POLITICAL JURISDISCTION:11

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	536.	0.	0.	0.	0.		
FUEL COMBUST	0.	0.	0.	0.	0.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
SOLID WASTE	7.	0.	59.	11.	0.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ON-SITE INCIN.	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OTHER	7.	0.	59.	11.	0.	1968.	(TONS/YEAR)
TOTAL EMISSIONS	543.	0.	59.	11.	0.		

EMISSION INVENTORY

REGION:007 POLITICAL JURISDISCTION:12

	PART(T/YR)	SOX(T/YR)	CO(T/YR)	HC(T/YR)	NOX(T/YR)	FUEL OR REFUSE	UNITS
PROCESS	9509.	2100.	154.	1146.	658.		
FUEL COMBUST	3030.	12337.	224.	1285.	6834.		
POWER PLANT	0.	0.	0.	0.	0.		
BITUMINOUS COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
DISTILLATE OIL	0.	0.	0.	0.	0.	0.	(1000 GAL/YR)
NATURAL GAS	0.	0.	0.	0.	0.	0.	(10E06CUFT/YR)
OTHER	0.	0.	0.	0.	0.		
IND.COMM.INST.	3030.	12337.	224.	1285.	6834.		
BITUMINOUS COAL	2405.	11779.	208.	104.	1560.	207951.	(TONS/YEAR)
ANTHRACITE COAL	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
RESIDUAL OIL	46.	477.	0.	6.	120.	4000.	(1000 GAL/YR)
DISTILLATE OIL	4.	58.	0.	1.	16.	540.	(1000 GAL/YR)
NATURAL GAS	527.	18.	12.	1170.	5121.	58562.	(10E06CUFT/YR)
OTHER	49.	5.	3.	4.	17.		
SOLID WASTE	118.	9.	466.	154.	27.		
MUNCIP INCINER	0.	0.	0.	0.	0.	0.	(TONS/YEAR)
OPEN BURNING	40.	2.	215.	76.	16.	1131.	(TONS/YEAR)
ON-SITE INCIN.	64.	6.	85.	64.	9.	8539.	(TONS/YEAR)
OTHER	14.	1.	166.	14.	2.	1295.	(TONS/YEAR)
TOTAL EMISSIONS	12657.	14446.	844.	2585.	7519.		

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                                EMISSION INVENTORY

REGION=007          POLITICAL JURISDICTION=13

                    |PART(T/YR)|SOX(T/YR) |CO(T/YR)  |HC(T/YR)  |NOX(T/YR)|FUEL OR REFUSE|UNITS           |
PROCESS             |        0.|        0.|        0.|        0.|       0.|
FUEL COMBUST        |      270.|        0.|       18.|       18.|      90.|                                |
  POWER PLANT       |        0.|        0.|        0.|        0.|       0.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER           |        0.|        0.|        0.|        0.|       0.|                                |
  IND,COMM,INST.    |      270.|        0.|       18.|       16.|      90.|                                |
    BITUMINOUS COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ANTHRACITE COAL |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    RESIDUAL OIL    |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    DISTILLATE OIL  |        0.|        0.|        0.|        0.|       0.|            0.  |(1000 GAL/YR)   |
    NATURAL GAS     |        0.|        0.|        0.|        0.|       0.|            0.  |(10E06CUFT/YR)  |
    OTHER           |      270.|        0.|       18.|       16.|      90.|                                |
SOLID WASTE         |      174.|        0.|     1033.|       85.|      21.|                                |
    MUNCIP INCINER  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OPEN BURNING    |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    ON-SITE INCIN.  |        0.|        0.|        0.|        0.|       0.|            0.  |(TONS/YEAR)     |
    OTHER           |      174.|        0.|     1033.|       85.|      21.|        19891.  |(TONS/YEAR)     |
TOTAL EMISSIONS     |      444.|        0.|     1051.|      103.|     111.|                                |
SOURCE NUMBER    1 REGION NUMBER 001POLITICAL JURISDICTION  1 COUNTY NAME CHOCTAW  COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FUEL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.              0.              0.              0.              0.              0.
OIL             1.              3.              0.              0.              1.            109.
NATL.GAS        0.              0.              0.              0.              2.             49.
COMMEIND
COAL            3.              4.              8.              2.              1.            310.
RES.OIL         0.              4.              0.              0.              1.             26.
DIST.OIL        1.              6.              0.              0.              3.            104.
NATL.GAS        1.              0.              1.              0.              3.             81.
NON-PT
COAL           18.             15.              1.              0.              6.            801.
RES.OIL         0.              3.              0.              0.              1.             18.
DIST.OIL        0.              1.              0.              0.              1.             20.
NATL.GAS        0.              0.              0.              0.              1.              7.
WOOD            6.              0.              7.              3.             21.           2064.
OPEN BRN      139.              9.            735.            261.             52.          17380.
INCINER         0.              0.              0.              0.              0.              0.
SOLVENT         0.              0.              0.             88.              0.             88.
VESSELS         0.              0.              0.              0.              0.              0.
RAILRD          5.             12.             13.             10.             14.            382.
DIESEL          7.             12.             87.             17.             91.            937.
OTHER           8.              0.             22.              2.              1.            897.
AS 25MPH        0.              0.              0.              0.              0.              0.
AS 45MPH       24.             15.           4830.            937.            849.          73185.
OTHER         177.              0.            520.             42.             21.          20800.
ADDPOL

    1           0.              0.              0.              0.              0.
    2           6.             36.             16.             13.             18.
    3           0.              0.              0.              0.              0.
    4           0.              0.              0.              0.              0.
    5           0.              0.              0.              0.              0.
    6           0.              0.              0.              0.              0.
    7           0.              0.              0.              0.              0.
    8           0.              0.              0.              0.              0.
    9           0.              0.              0.              0.              0.
   10           0.              0.              0.              0.              0.
   11           0.              0.              0.              0.              0.
   12           0.              0.              0.              0.              0.
   13           0.              0.              0.              0.              0.
   14           0.              0.              0.              0.              0.
   15           0.              0.              0.              0.              0.
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SOURCE NUMBER    2 REGION NUMBER 001POLITICAL JURISDICTION  2 COUNTY NAME CLARKE   COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FULL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.              0.              0.              0.              0.              3.
OIL             1.              5.              0.              0.              1.            182.
NATL.GAS        3.              0.              3.              1.             11.            205.
COMMEIND
COAL            4.              8.             11.              3.              1.            422.
RES.OIL         1.             18.              0.              0.              3.            114.
DIST.OIL        1.              9.              0.              0.              5.            156.
NATL.GAS        1.              0.              1.              1.              5.            136.
NON-PT
COAL          333.            286.             15.              8.            113.          15077.
RES.OIL         4.             48.              0.              0.             10.            330.
DIST.OIL        3.             27.              0.              1.             11.            371.
NATL.GAS        1.              0.              0.              3.             11.            130.
WOOD           15.              0.             16.              6.             51.           5068.
OPEN BRN      132.             11.            969.            342.             68.          22790.
INCINER         0.              0.              0.              0.              0.              0.
SOLVENT         0.              0.              0.            188.              0.            188.
VESSELS         0.              0.              0.              0.              0.              0.
RAILRD          8.             20.             22.             15.             23.            615.
DIESEL         12.             21.            153.             31.            160.            944.
OTHER          12.              0.             37.              3.              1.           1468.
AS 25MPH       19.             11.           5969.           1005.            534.          57120.
AS 45MPH       23.             14.           4602.            892.            809.          69720.
OTHER         217.              0.            637.             51.             25.          23500.
ADDPOL

    1           0.              0.              0.              0.              0.
    2           6.             36.             16.             13.             18.
    3           0.              0.              0.              0.              0.
    4           0.              0.              0.              0.              0.
    5           0.              0.              0.              0.              0.
    6           0.              0.              0.              0.              0.
    7           0.              0.              0.              0.              0.
    8           0.              0.              0.              0.              0.
    9           0.              0.              0.              0.              0.
   10           0.              0.              0.              0.              0.
   11           0.              0.              0.              0.              0.
   12           0.              0.              0.              0.              0.
   13           0.              0.              0.              0.              0.
   14           0.              0.              0.              0.              0.
   15           0.              0.              0.              0.              0.
```

```
SOURCE NUMBER    3 REGION NUMBER 001POLITICAL JURISDICTION  3 COUNTY NAME CONLCUM  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.               0.               0.                  0.                  0.                 0.
OIL             0.               1.               0.                  0.                  0.                36.
NATL.GAS        1.               0.               1.                  0.                  3.                93.
COMM&IND
COAL            2.               4.               5.                  1.                  1.               210.
RES.OIL         0.               3.               0.                  0.                  1.                18.
DIST.OIL        1.               4.               0.                  0.                  2.                71.
NATL.GAS        1.               0.               1.                  0.                  4.               110.
NON-PT
COAL           97.              83.               4.                  2.                 33.              4373.
RES.OIL         1.              19.               0.                  0.                  3.                96.
DIST.OIL        1.               8.               0.                  0.                  3.               108.
NATL.GAS        0.               0.               0.                  1.                  3.                38.
WOOD           10.               0.              11.                  4.                 34.              3427.
OPEN BRN      120.               8.             639.                226.                 45.             15040.
INCINER         0.               0.               6.                  0.                  0.                 6.
SOLVENT         0.               0.               0.                 79.                  0.                79.
VESSELS         0.               0.               0.                  0.                  0.                 0.
RAILRD          5.              12.              13.                  9.                 14.               366.
DIESEL          4.               7.              49.                 10.                 52.               304.
OTHER           9.               0.              26.                  2.                  1.              1033.
AS 25MPH        7.               4.            2326.                392.                206.             22260.
AS 45MPH        8.               4.            1247.                242.                219.             18900.
OTHER         190.               0.             560.                 45.                 22.             22400.
ADDPOL

   1            0.               0.               0.                  0.                  0.
   2            0.               0.               0.                  0.                  0.
   3            0.               0.               0.                  0.                  0.
   4            0.               0.               0.                  0.                  0.
   5            0.               0.               0.                  0.                  0.
   6            0.               0.               0.                  0.                  0.
   7            0.               0.               0.                  0.                  0.
   8            0.               0.               0.                  0.                  0.
   9            0.               0.               0.                  0.                  0.
  10            0.               0.               0.                  0.                  0.
  11            0.               0.               0.                  0.                  0.
  12            0.               0.               0.                  0.                  0.
  13            0.               0.               0.                  0.                  0.
  14            0.               0.               0.                  0.                  0.
  15            0.               0.               0.                  0.                  0.
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SOURCE NUMBER    4 REGION NUMBER 001POLITICAL JURISDICTION  4 COUNTY NAME DALLAS   COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.               1.               2.                  0.                  0.                78.
OIL             1.               8.               1.                  0.                  2.               291.
NATL.GAS        8.               0.               6.                  3.                 32.               544.
COMM&IND
COAL           13.              30.              39.                  9.                  4.              1563.
RES.OIL        15.             206.               0.                  2.                 39.              1295.
DIST.OIL        5.              44.               0.                  1.                 22.               733.
NATL.GAS        6.               0.               6.                  3.                 24.               634.
NON-PT
COAL          408.             351.              18.                  9.                139.             18477.
RES.OIL         5.              59.               0.                  1.                 12.               404.
DIST.OIL        3.              33.               0.                  1.                 14.               455.
NATL.GAS        1.               0.               0.                  3.                 14.               159.
WOOD            9.               0.              10.                  4.                 30.              3039.
OPEN BRN      332.              21.            1769.                622.                124.             41900.
INCINER         0.               0.               0.                  0.                  0.                 0.
SOLVENT         0.               0.               0.                398.                  0.               398.
VESSELS         0.               0.               0.                  0.                  0.                 0.
RAILRD         16.              41.              45.                 32.                 49.              1272.
DIESEL         30.              54.             388.                 78.                406.              2389.
OTHER          16.               0.              47.                  4.                  2.              1862.
AS 25MPH       59.              36.           18840.               3173.               1686.            180285.
AS 45MPH       38.              23.            7609.               1476.               1337.            115290.
OTHER         134.               0.             395.                 32.                 16.             19800.
ADDPOL

   1            0.               0.               0.                  0.                  0.
   2            3.              10.               8.                  6.                  9.
   3            0.               0.               0.                  0.                  0.
   4            0.               0.               0.                  0.                  0.
   5            0.               0.               0.                  0.                  0.
   6            0.               0.               0.                  0.                  0.
   7            0.               0.               0.                  0.                  0.
   8            0.               0.               0.                  0.                  0.
   9            0.               0.               0.                  0.                  0.
  10            0.               0.               0.                  0.                  0.
  11            0.               0.               0.                  0.                  0.
  12            0.               0.               0.                  0.                  0.
  13            0.               0.               0.                  0.                  0.
  14            0.               0.               0.                  0.                  0.
  15            0.               0.               0.                  0.                  0.
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SOURCE NUMBER    5 REGION NUMBER 001POLITICAL JURISDICTION  5 COUNTY NAME MARENGO  COORDINATES  X    0.0 Y    0.0 AREA   0.0
         |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                 1.                 1.                 0.                 0.                47.
OIL             0.                 3.                 0.                 0.                 1.                41.
NATL.GAS        2.                 0.                 2.                 1.                 8.               229.
COMM&IND
COAL            6.                14.                18.                 9.                 2.               711.
RES.OIL         1.                11.                 0.                 0.                 2.                68.
DIST.OIL        2.                15.                 0.                 0.                 7.               240.
NATL.GAS        2.                 0.                 2.                 1.                 7.               198.
NON-PT
COAL          204.               176.                 9.                 5.                69.              9239.
RES.OIL         2.                30.                 3.                 0.                 6.               262.
DIST.OIL        2.                10.                 0.                 0.                 7.               227.
NATL.GAS        1.                 0.                 0.                 2.                 7.                80.
WOOD            7.                 0.                 8.                 5.                24.              2391.
OPEN BRN      161.                10.               856.               302.                60.             20150.
INCINER         0.                 0.                 0.                 0.                 0.                 0.
SOLVENT         0.                 0.                 0.               189.                 0.               189.
VESSELS         0.                 0.                 0.                 0.                 0.                 0.
RAILRD          7.                18.                19.                14.                21.               548.
DIESEL         12.                21.               151.                33.               198.               927.
OTHER          12.                 0.                34.                 3.                 1.              1367.
AS 25MPH       24.                18.              9217.              1592.               825.             88200.
AS 45MPH       12.                 8.              2493.               484.               938.             37800.
OTHER         136.                 0.               400.                32.                16.             16000.
ADDPOL

  1             0.                 0.                 0.                 0.                 0.
  2             3.                18.                 8.                 6.                 9.
  3             0.                 0.                 0.                 0.                 0.
  4             0.                 0.                 0.                 0.                 0.
  5             0.                 0.                 0.                 0.                 0.
  6             0.                 0.                 0.                 0.                 0.
  7             0.                 0.                 0.                 0.                 0.
  8             0.                 0.                 0.                 0.                 0.
  9             0.                 0.                 0.                 0.                 0.
 10             0.                 0.                 0.                 0.                 0.
 11             0.                 0.                 0.                 0.                 0.
 12             0.                 0.                 0.                 0.                 0.
 13             0.                 0.                 0.                 0.                 0.
 14             0.                 0.                 0.                 0.                 0.
 15             0.                 0.                 0.                 0.                 0.
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SOURCE NUMBER    6 REGION NUMBER 001POLITICAL JURISDICTION  6 COUNTY NAME MONROE   COORDINATES  X    0.0 Y    0.0 AREA   0.0
         |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                 0.                 0.                 0.                 0.                 0.
OIL             0.                 3.                 0.                 0.                 1.                91.
NATL.GAS        1.                 0.                 1.                 0.                 3.                82.
COMM&IND
COAL            3.                 7.                 9.                 2.                 1.               362.
RES.OIL         0.                 5.                 0.                 0.                 1.                31.
DIST.OIL        1.                 7.                 0.                 0.                 4.               122.
NATL.GAS        1.                 0.                 1.                 1.                 6.               149.
NON-PT
COAL          258.               222.                12.                 6.                87.             11066.
RES.OIL         3.                37.                 0.                 0.                 9.               255.
DIST.OIL        2.                21.                 0.                 0.                 9.               287.
NATL.GAS        1.                 0.                 0.                 2.                 9.               101.
WOOD           12.                 0.                13.                 5.                41.              4077.
OPEN BRN      168.                 7.               972.               202.                40.             13470.
INCINER         0.                 0.                 0.                 0.                 0.                 0.
SOLVENT         0.                 0.                 0.               146.                 0.               146.
VESSELS         0.                 0.                 0.                 0.                 0.                 0.
RAILRD          6.                16.                17.                12.                14.               480.
DIESEL          8.                15.               107.                21.               112.               661.
OTHER          11.                 0.                32.                 3.                 1.              1283.
AS 25MPH       22.                13.              6979.              1175.               624.             66780.
AS 45MPH        8.                 5.              1545.               300.               272.             23415.
OTHER         185.                 0.               945.                44.                22.             21800.
ADDPOL

  1             0.                 0.                 0.                 0.                 0.
  2             6.                36.                16.                13.                16.
  3             0.                 0.                 0.                 0.                 0.
  4             0.                 0.                 0.                 0.                 0.
  5             0.                 0.                 0.                 0.                 0.
  6             0.                 0.                 0.                 0.                 0.
  7             0.                 0.                 0.                 0.                 0.
  8             0.                 0.                 0.                 0.                 0.
  9             0.                 0.                 0.                 0.                 0.
 10             0.                 0.                 0.                 0.                 0.
 11             0.                 0.                 0.                 0.                 0.
 12             0.                 0.                 0.                 0.                 0.
 13             0.                 0.                 0.                 0.                 0.
 14             0.                 0.                 0.                 0.                 0.
 15             0.                 0.                 0.                 0.                 0.
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SOURCE NUMBER    7 REGION NUMBER 00 POLITICAL JURISDICTION  7 COUNTY NAME PERRY    COORDINATES  X   0.0 Y   0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FULL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                 1.                 4.                 0.                 0.                 67.
OIL             1.                 3.                 0.                 0.                 1.                109.
NATL.GAS        2.                 0.                 2.                 1.                 8.                208.
COMBINED
COAL            2.                 4.                 8.                 1.                 1.                221.
RES.OIL         0.                 4.                 0.                 0.                 1.                 27.
DIST.OIL        1.                 3.                 0.                 0.                 2.                 76.
NATL.GAS        1.                 0.                 1.                 0.                 4.                116.
NON-PT
COAL           86.                74.                 4.                 2.                29.               3881.
RES.OIL         1.                12.                 0.                 0.                 3.                 85.
DIST.OIL        1.                 7.                 0.                 0.                 3.                 45.
NATL.GAS        0.                 0.                 0.                 1.                 3.                 33.
WOOD            3.                 0.                 3.                 1.                 9.                925.
OPEN BRN      114.                 7.               605.               214.                43.              14240.
INCINER         0.                 0.                 0.                 0.                 0.                  0.
SOLVENT         0.                 0.                 0.                88.                 0.                 88.
VESSELS         0.                 0.                 0.                 0.                 0.                  0.
RAILRD          4.                12.                12.                 9.                13.                354.
DIESEL          7.                12.                87.                17.                91.                535.
OTHER           7.                 0.                21.                 2.                 1.                841.
AS 25MPH       14.                 9.              4543.               765.               400.              43470.
AS 45MPH       10.                 8.              1913.               371.               330.              20980.
OTHER          92.                 0.               270.                22.                11.              10800.
ADDPOL

   1            0.                 0.                 0.                 0.                 0.
   2            0.                 0.                 0.                 0.                 0.
   3            0.                 0.                 0.                 0.                 0.
   4            0.                 0.                 0.                 0.                 0.
   5            0.                 0.                 0.                 0.                 0.
   6            0.                 0.                 0.                 0.                 0.
   7            0.                 0.                 0.                 0.                 0.
   8            0.                 0.                 0.                 0.                 0.
   9            0.                 0.                 0.                 0.                 0.
  10            0.                 0.                 0.                 0.                 0.
  11            0.                 0.                 0.                 0.                 0.
  12            0.                 0.                 0.                 0.                 0.
  13            0.                 0.                 0.                 0.                 0.
  14            0.                 0.                 0.                 0.                 0.
  15            0.                 0.                 0.                 0.                 0.
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SOURCE NUMBER    8 REGION NUMBER 00 POLITICAL JURISDICTION  8 COUNTY NAME WASHINGT COORDINATES  X   0.0 Y   0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FULL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                 0.                 0.                 0.                 0.                  0.
OIL             0.                 1.                 0.                 0.                 0.                 36.
NATL.GAS        0.                 0.                 0.                 0.                 0.                  9.
COMBINED
COAL            1.                 3.                 4.                 1.                 0.                170.
RES.OIL         0.                 2.                 0.                 0.                 0.                 15.
DIST.OIL        0.                 4.                 0.                 0.                 2.                 59.
NATL.GAS        0.                 0.                 0.                 0.                 2.                 45.
NON-PT
COAL           18.                15.                 1.                 0.                 6.                801.
RES.OIL         0.                 3.                 0.                 0.                 1.                 19.
DIST.OIL        0.                 1.                 0.                 0.                 1.                 20.
NATL.GAS        0.                 0.                 0.                 0.                 1.                  7.
WOOD           12.                 0.                12.                 5.                38.               3815.
OPEN BRN      145.                 9.               770.               272.                54.              10110.
INCINER         0.                 0.                 0.                 0.                 0.                  0.
SOLVENT         0.                 0.                 0.                84.                 0.                 84.
VESSELS         0.                 0.                 0.                 0.                 0.                  0.
RAILRD          5.                12.                13.                 9.                14.                374.
DIESEL          6.                11.                81.                16.                85.                498.
OTHER           6.                 0.                18.                 1.                 1.                731.
AS 25MPH        0.                 0.                 0.                 0.                 0.                  0.
AS 45MPH       22.                14.              4470.               857.               780.              67725.
OTHER         314.                 0.               922.                74.                37.              36900.
ADDPOL

   1            0.                 0.                 0.                 0.                 0.
   2            0.                36.                16.                13.                18.
   3            0.                 0.                 0.                 0.                 0.
   4            0.                 0.                 0.                 0.                 0.
   5            0.                 0.                 0.                 0.                 0.
   6            0.                 0.                 0.                 0.                 0.
   7            0.                 0.                 0.                 0.                 0.
   8            0.                 0.                 0.                 0.                 0.
   9            0.                 0.                 0.                 0.                 0.
  10            0.                 0.                 0.                 0.                 0.
  11            0.                 0.                 0.                 0.                 0.
  12            0.                 0.                 0.                 0.                 0.
  13            0.                 0.                 0.                 0.                 0.
  14            0.                 0.                 0.                 0.                 0.
  15            0.                 0.                 0.                 0.                 0.
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SOURCE NUMBER    9 REGION NUMBER 001POLITICAL JURISDICTION  9 COUNTY NAME WILCOX   COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.               0.                 1.                 0.                 0.                 25.
OIL             0.               2.                 0.                 0.                 0.                 73.
NATL.GAS        1.               4.                 1.                 0.                 3.                 67.
COMMCIND
COAL            2.               5.                 6.                 1.                 1.                244.
RES.OIL         0.               3.                 0.                 0.                 1.                 21.
DIST.OIL        1.               5.                 0.                 0.                 2.                 43.
NATL.GAS        1.               0.                 1.                 0.                 3.                 67.
NON-PT
COAL           64.              55.                 3.                 1.                22.               2906.
RES.OIL         1.               9.                 0.                 0.                 2.                 64.
DIST.OIL        1.               5.                 0.                 0.                 2.                 72.
NATL.GAS        0.               0.                 0.                 1.                 2.                 25.
WOOD            6.               0.                 6.                 3.                20.               2026.
OPEN BRN      145.               9.               770.               272.                54.              18110.
INCINER         0.               0.                 0.                 0.                 0.                  0.
SOLVENT         0.               0.                 0.                84.                 0.                 84.
VESSELS         0.               0.                 0.                 0.                 0.                  0.
RAILRD          5.              12.                13.                 9.                14.                375.
DIESEL          5.               8.                61.                12.                44.                374.
OTHER          10.               0.                31.                 2.                 1.               1226.
AS 25MPH        0.               0.                 0.                 0.                 0.                  0.
AS 45MPH       17.              10.              3382.               856.               294.              51240.
OTHER         142.               0.               418.                33.                17.              16700.
ADDPOL

   1            0.               0.                 0.                 0.                 0.
   2            3.              18.                 8.                 6.                 9.
   3            0.               0.                 0.                 0.                 0.
   4            0.               0.                 0.                 0.                 0.
   5            0.               0.                 0.                 0.                 0.
   6            0.               0.                 0.                 0.                 0.
   7            0.               0.                 0.                 0.                 0.
   8            0.               0.                 0.                 0.                 0.
   9            0.               0.                 0.                 0.                 0.
  10            0.               0.                 0.                 0.                 0.
  11            0.               0.                 0.                 0.                 0.
  12            0.               0.                 0.                 0.                 0.
  13            0.               0.                 0.                 0.                 0.
  14            0.               0.                 0.                 0.                 0.
  15            0.               0.                 0.                 0.                 0.
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SOURCE NUMBER    1 REGION NUMBER 002POLITICAL JURISDICTION  1 COUNTY NAME AUTAGA   COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.               1.                 1.                 0.                 0.                 55.
OIL             0.               1.                 0.                 0.                 0.                 36.
NATL.GAS        3.               6.                 4.                 1.                14.                367.
COMMCIND
COAL            2.               5.                 6.                 2.                 1.                251.
RES.OIL         1.              14.                 0.                 0.                 3.                 85.
DIST.OIL        1.               6.                 0.                 0.                 3.                 96.
NATL.GAS        1.               0.                 2.                 1.                 6.                155.
NON-PT
COAL           97.              83.                 4.                 2.                33.               4373.
RES.OIL         1.              14.                 0.                 0.                 3.                 96.
DIST.OIL        1.               8.                 0.                 0.                 3.                111.
NATL.GAS        0.               0.                 0.                 1.                 3.                 38.
WOOD            6.               0.                 7.                 3.                21.               2114.
OPEN BRN      126.               8.               670.               237.                47.              15770.
INCINER         0.               0.                 0.                 0.                 0.                  0.
SOLVENT         0.               0.                 0.               139.                 0.                139.
VESSELS         0.               0.                 0.                 0.                 0.                  0.
RAILRD          7.              18.                20.                14.                21.                563.
DIESEL         11.              20.               143.                29.               150.                881.
OTHER          57.               0.               167.                13.                 7.               6686.
AS 25MPH       26.              16.              8246.              1357.               781.              78914.
AS 45MPH       15.               9.              2966.               575.               521.              44940.
OTHER         110.               0.               323.                26.                13.              12900.
ADDPOL

   1            0.               0.                 0.                 0.                 0.
   2            3.              18.                 8.                 6.                 9.
   3            0.               0.                 0.                 0.                 0.
   4            0.               0.                 0.                 0.                 0.
   5            0.               0.                 0.                 0.                 0.
   6            0.               0.                 0.                 0.                 0.
   7            0.               0.                 0.                 0.                 0.
   8            0.               0.                 0.                 0.                 0.
   9            0.               0.                 0.                 0.                 0.
  10            0.               0.                 0.                 0.                 0.
  11            0.               0.                 0.                 0.                 0.
  12            0.               0.                 0.                 0.                 0.
  13            0.               0.                 0.                 0.                 0.
  14            0.               0.                 0.                 0.                 0.
  15            0.               0.                 0.                 0.                 0.
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SOURCE NUMBER    2 REGION NUMBER 002POLITICAL JURISDICTION  2 COUNTY NAME BULLOCK  COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS   |  NITROUS OXIDES   |    FUEL TOTAL     |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           0.                  0.                  0.                  0.                  0.                  6.
OIL            0.                  1.                  0.                  0.                  0.                 18.
NATL.GAS       1.                  0.                  1.                  0.                  4.                104.
COMMCIND
COAL           2.                  4.                  5.                  1.                  1.                217.
RES.OIL        0.                  3.                  0.                  0.                  1.                 18.
DIST.OIL       1.                  4.                  0.                  0.                  2.                 73.
NATL.GAS       1.                  0.                  1.                  0.                  4.                104.
NON-PT
COAL          54.                 40.                  2.                  1.                 18.               2427.
RES.OIL        1.                  8.                  0.                  0.                  2.                 53.
DIST.OIL       0.                  4.                  0.                  0.                  2.                 62.
NATL.GAS       0.                  0.                  0.                  0.                  2.                 21.
WOOD           3.                  0.                  3.                  1.                  9.                862.
OPEN BRN      81.                  5.                428.                151.                 30.              10080.
INCINER        0.                  0.                  0.                  0.                  0.                  0.
SOLVENT        0.                  0.                  0.                 91.                  0.                 91.
VESSELS        0.                  0.                  0.                  0.                  0.                  0.
RAILRD         3.                  9.                 10.                  7.                 10.                272.
DIESEL         4.                 11.                 79.                 14.                 83.                487.
OTHER          7.                  0.                 22.                  2.                  1.                877.
AS 25MPH      20.                 12.               6426.               1058.                609.              61494.
AS 45MPH       3.                  2.                527.                102.                 93.               7980.
OTHER        210.                  0.                618.                 49.                 25.              24700.
ADDPOL

   1           0.                  0.                  0.                  0.                  0.
   2           0.                  0.                  0.                  0.                  0.
   3           0.                  0.                  0.                  0.                  0.
   4           0.                  0.                  0.                  0.                  0.
   5           0.                  0.                  0.                  0.                  0.
   6           0.                  0.                  0.                  0.                  0.
   7           0.                  0.                  0.                  0.                  0.
   8           0.                  0.                  0.                  0.                  0.
   9           0.                  0.                  0.                  0.                  0.
  10           0.                  0.                  0.                  0.                  0.
  11           0.                  0.                  0.                  0.                  0.
  12           0.                  0.                  0.                  0.                  0.
  13           0.                  0.                  0.                  0.                  0.
  14           0.                  0.                  0.                  0.                  0.
  15           0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    3 REGION NUMBER 002POLITICAL JURISDICTION  3 COUNTY NAME BUTLER   COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS   |  NITROUS OXIDES   |    FUEL TOTAL     |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           0.                  1.                  1.                  0.                  0.                 28.
OIL            1.                  6.                  0.                  0.                  1.                200.
NATL.GAS       2.                  0.                  2.                  1.                  7.                178.
COMMCIND
COAL           4.                  9.                 12.                  3.                  1.                467.
RES.OIL        0.                  6.                  0.                  0.                  1.                 40.
DIST.OIL       1.                  9.                  0.                  0.                  5.                197.
NATL.GAS       1.                  0.                  1.                  0.                  4.                120.
NON-PT
COAL         204.                176.                  9.                  5.                 69.               9239.
RES.OIL        2.                 30.                  0.                  0.                  6.                202.
DIST.OIL       2.                 17.                  0.                  0.                  7.                234.
NATL.GAS       1.                  0.                  0.                  2.                  7.                 80.
WOOD          12.                  0.                 12.                  5.                 36.               3820.
OPEN BRN     147.                  9.                782.                270.                 55.              18400.
INCINER        0.                  0.                  0.                  0.                  0.                  0.
SOLVENT        0.                  0.                  0.                195.                  0.                195.
VESSELS        0.                  0.                  0.                  0.                  0.                  0.
RAILRD         6.                 16.                 18.                 13.                 19.                506.
DIESEL        14.                 25.                182.                 36.                190.               1117.
OTHER         11.                  0.                 33.                  3.                  1.               1301.
AS 25MPH      19.                 11.               5958.                987.                568.              57401.
AS 45MPH      34.                 20.               6736.               1304.               1189.             102060.
OTHER        175.                  0.                515.                 41.                 21.              20600.
ADDPOL

   1           0.                  0.                  0.                  0.                  0.
   2           0.                  0.                  0.                  0.                  0.
   3           0.                  0.                  0.                  0.                  0.
   4           0.                  0.                  0.                  0.                  0.
   5           0.                  0.                  0.                  0.                  0.
   6           0.                  0.                  0.                  0.                  0.
   7           0.                  0.                  0.                  0.                  0.
   8           0.                  0.                  0.                  0.                  0.
   9           0.                  0.                  0.                  0.                  0.
  10           0.                  0.                  0.                  0.                  0.
  11           0.                  0.                  0.                  0.                  0.
  12           0.                  0.                  0.                  0.                  0.
  13           0.                  0.                  0.                  0.                  0.
  14           0.                  0.                  0.                  0.                  0.
  15           0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    4 REGION NUMBER 002POLITICAL JURISDICTION  4 COUNTY NAME CRENSHAW COORDINATES  X   0.0 Y   0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   | CARBON MONOXIDE |    HYDROCARBONS    | NITROUS OXIDES |    FUEL TOTAL    |
         | ACTUAL | EXPECTED  | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL           0.             0.             0.             0.             0.             11.
OIL            0.             2.             0.             0.             0.             55.
NATL.GAS       1.             0.             1.             0.             4.            115.
COMMBIND
COAL           2.             5.             7.             2.             1.            281.
RES.OIL        0.             4.             0.             0.             1.             24.
DIST.OIL       1.             6.             0.             0.             3.             95.
NATL.GAS       0.             0.             6.             0.             0.              9.
NON-PT
COAL          64.            55.             3.             1.            22.           2906.
RES.OIL        1.             9.             0.             0.             2.             64.
DIST.OIL       1.             5.             0.             0.             2.             74.
NATL.GAS       0.             0.             0.             1.             2.             25.
WOOD           5.             0.             3.             2.            16.           1648.
OPEN BRN      81.             5.           420.           151.            30.          16086.
INCINER        0.             0.             0.             0.             0.              0.
SOLVENT        0.             0.             0.            85.             0.             85.
VESSELS        0.             0.             0.             0.             3.              0.
RAILRD         4.            10.            11.             8.            11.            303.
DIESEL         5.            10.            69.            14.            72.            424.
OTHER          8.             0.            23.             2.             1.            924.
AS 25MPH       0.             0.             0.             0.             3.              0.
AS 45MPH      20.            12.          3999.           775.           703.          60583.
OTHER        125.             0.           368.            29.            15.          14700.
ADDPOL
  1            0.             0.             0.             0.             0.
  2            0.             0.             0.             0.             0.
  3            0.             0.             0.             0.             0.
  4            0.             0.             0.             0.             0.
  5            0.             0.             0.             0.             0.
  6            0.             0.             0.             0.             0.
  7            0.             0.             0.             0.             0.
  8            0.             0.             0.             0.             0.
  9            0.             0.             0.             0.             0.
 10            0.             0.             0.             0.             0.
 11            0.             0.             0.             0.             0.
 12            0.             0.             0.             0.             0.
 13            0.             0.             0.             0.             0.
 14            0.             0.             0.             0.             0.
 15            0.             0.             0.             0.             0.

SOURCE NUMBER    5 REGION NUMBER 002POLITICAL JURISDICTION  5 COUNTY NAME ELMORE   COORDINATES  X   0.0 Y   0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   | CARBON MONOXIDE |    HYDROCARBONS    | NITROUS OXIDES |    FUEL TOTAL    |
         | ACTUAL | EXPECTED  | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL           0.             2.             3.             1.             0.            130.
OIL            1.             5.             0.             0.             1.            163.
NATL.GAS       7.             0.             7.             3.            26.            761.
COMMBIND
COAL           4.             8.            11.             3.             1.            434.
RES.OIL        1.            13.             0.             0.             2.             79.
DIST.OIL       1.             9.             0.             0.             5.            154.
NATL.GAS       2.             0.             3.             1.            10.            254.
NON-PT
COAL          75.            65.             3.             2.            26.           3400.
RES.OIL        1.            11.             0.             0.             2.             74.
DIST.OIL       1.             6.             0.             0.             3.             86.
NATL.GAS       0.             0.             0.             1.             3.             29.
WOOD          16.             0.            16.             6.            51.           5111.
OPEN BRN     229.            14.          1218.           430.            86.          28640.
INCINER        0.             0.             0.             0.             0.              0.
SOLVENT        0.             0.             0.           232.             0.            232.
VESSELS        0.             0.             0.             0.             0.              0.
RAILRD        10.            25.            27.            19.            29.            771.
DIESEL        20.            35.           256.            51.           268.           1574.
OTHER          7.             0.            21.             2.             1.            832.
AS 25MPH      29.            17.          9113.          1500.           863.          67204.
AS 45MPH      45.            27.          9069.          1747.          1583.         136500.
OTHER        119.             0.           350.            28.            14.          14000.
ADDPOL
  1            0.             0.             0.             0.             0.
  2            6.            36.            16.            13.            18.
  3            0.             0.             0.             0.             0.
  4            0.             0.             0.             0.             0.
  5            0.             0.             0.             0.             0.
  6            0.             0.             0.             0.             0.
  7            0.             0.             0.             0.             0.
  8            0.             0.             0.             0.             0.
  9            0.             0.             0.             0.             0.
 10            0.             0.             0.             0.             0.
 11            0.             0.             0.             0.             0.
 12            0.             0.             0.             0.             0.
 13            0.             0.             0.             0.             0.
 14            0.             0.             0.             0.             0.
 15            0.             0.             0.             0.             0.
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SOURCE NUMBER    6 REGION NUMBER 002POLITICAL JURISDICTION  6 COUNTY NAME LEE      COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES     |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |     FUEL TOTAL     |
         |  ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL             0.                  1.                  2.                  0.                  0.                  74.
OIL              1.                  8.                  1.                  0.                  2.                 291.
NATL.GAS         8.                  0.                  9.                  3.                 32.                 666.
COMM&IND
COAL            10.                 22.                 29.                  7.                  3.                1143.
RES.OIL          2.                 25.                  6.                  0.                  5.                 157.
DIST.OIL         3.                 24.                  0.                  1.                 12.                 396.
NATL.GAS         5.                  0.                  9.                  2.                 20.                 524.
NON-PT
COAL           537.                462.                 24.                 12.                182.               24316.
RES.OIL          6.                 74.                  0.                  1.                 16.                 333.
DIST.OIL         5.                 44.                  0.                  1.                 19.                 617.
NATL.GAS         2.                  0.                  0.                  4.                 16.                 210.
WOOD            15.                  0.                 16.                  6.                 49.                4896.
OPEN BRN       323.                 20.               1717.                666.                121.               40410.
INCINER          0.                  0.                  0.                  0.                  0.                   0.
SOLVENT          0.                  0.                  0.                949.                  0.                 949.
VESSELS          0.                  0.                  0.                  0.                  0.                   0.
RAILRD          15.                 46.                 49.                 35.                 53.                1409.
DIESEL          26.                 50.                358.                 72.                375.                2203.
OTHER            8.                  0.                 24.                  2.                  1.                 966.
AS 25MPH        97.                 54.              30716.               5056.               2910.              243932.
AS 45MPH         6.                  4.               1240.                241.                218.               18795.
OTHER          167.                  0.                490.                 39.                 20.               19600.
ADDPOL

   1             0.                  0.                  0.                  0.                  0.
   2             0.                  0.                  0.                  0.                  0.
   3             0.                  0.                  0.                  0.                  0.
   4             0.                  0.                  0.                  0.                  0.
   5             0.                  0.                  0.                  0.                  0.
   6             0.                  0.                  0.                  0.                  0.
   7             0.                  0.                  0.                  0.                  0.
   8             0.                  0.                  0.                  0.                  0.
   9             0.                  0.                  0.                  0.                  0.
  10             0.                  0.                  0.                  0.                  0.
  11             0.                  0.                  0.                  0.                  0.
  12             0.                  0.                  0.                  0.                  0.
  13             0.                  0.                  0.                  0.                  0.
  14             0.                  0.                  0.                  0.                  0.
  15             0.                  0.                  0.                  0.                  0.


SOURCE NUMBER    7 REGION NUMBER 002POLITICAL JURISDICTION  7 COUNTY NAME LOWNDES  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES     |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |     FUEL TOTAL     |
         |  ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL             0.                  0.                  0.                  0.                  0.                  12.
OIL              0.                  1.                  0.                  0.                  0.                  18.
NATL.GAS         0.                  0.                  0.                  0.                  1.                  26.
COMM&IND
COAL             1.                  3.                  4.                  1.                  0.                 341.
RES.OIL          0.                  2.                  0.                  0.                  0.                  12.
DIST.OIL         0.                  3.                  0.                  0.                  1.                  40.
NATL.GAS         0.                  0.                  0.                  0.                  1.                  36.
NON-PT
COAL             8.                  7.                  0.                  0.                  3.                 343.
RES.OIL          0.                  1.                  0.                  0.                  0.                   8.
DIST.OIL         0.                  1.                  0.                  0.                  0.                   9.
NATL.GAS         0.                  0.                  0.                  0.                  0.                   3.
WOOD             4.                  0.                  4.                  2.                 14.                1376.
OPEN BRN       102.                  6.                343.                192.                 38.               12780.
INCINER          0.                  0.                  0.                  0.                  0.                   0.
SOLVENT          0.                  0.                  0.                467.                  0.                 907.
VESSELS          0.                  0.                  0.                  0.                  0.                   0.
RAILRD           4.                 10.                 10.                  7.                 11.                 297.
DIESEL           4.                  7.                 32.                 10.                 54.                 319.
OTHER            8.                  0.                 25.                  2.                  1.                 998.
AS 25MPH         0.                  0.                  0.                  0.                  0.                   0.
AS 45MPH       151.                 91.              30118.               5841.               5293.              456330.
OTHER           85.                  0.                250.                 20.                 10.               10000.
ADDPOL

   1             0.                  0.                  0.                  0.                  0.
   2             3.                 14.                  8.                  6.                  9.
   3             0.                  0.                  0.                  0.                  0.
   4             0.                  0.                  0.                  0.                  0.
   5             0.                  0.                  0.                  0.                  0.
   6             0.                  0.                  0.                  0.                  0.
   7             0.                  0.                  0.                  0.                  0.
   8             0.                  0.                  0.                  0.                  0.
   9             0.                  0.                  0.                  0.                  0.
  10             0.                  0.                  0.                  0.                  0.
  11             0.                  0.                  0.                  0.                  0.
  12             0.                  0.                  0.                  0.                  0.
  13             0.                  0.                  0.                  0.                  0.
  14             0.                  0.                  0.                  0.                  0.
  15             0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    8 REGION NUMBER 002POLITICAL JURISDICTION  8 COUNTY NAME MACON    COORDINATES  X   0.0 Y   0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  0.                  0.                  0.                  0.                 17.
OIL             0.                  1.                  0.                  0.                  0.                 36.
NATL.GAS        3.                  0.                  3.                  1.                 12.                317.
COMMEIND
COAL            2.                  6.                  7.                  2.                  1.                292.
RES.OIL         0.                  5.                  0.                  0.                  1.                 34.
DIST.OIL        1.                  4.                  0.                  0.                  3.                100.
NATL.GAS        2.                  0.                  2.                  1.                  7.                192.
NON-PT
COAL           32.                 26.                  1.                  1.                 11.               1694.
RES.OIL         0.                  5.                  0.                  0.                  1.                 32.
DIST.OIL        0.                  3.                  0.                  0.                  1.                 37.
NATL.GAS        0.                  0.                  0.                  0.                  1.                 13.
WOOD            7.                  0.                  7.                  3.                 23.               2296.
OPEN BRN      120.                  8.                670.                237.                 47.              15770.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                129.                  0.                129.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          7.                 19.                 26.                 19.                 21.                571.
DIESEL          9.                 16.                116.                 23.                121.                711.
OTHER           7.                  0.                 22.                  2.                  1.                878.
AS 25MPH        0.                  0.                  0.                  0.                  0.                  0.
AS 45MPH       33.                 26.               6687.               1297.               1175.             101328.
OTHER         266.                  0.                783.                 63.                 31.              31300.
ADDPOL

   1            0.                  0.                  0.                  0.                  0.
   2            0.                  0.                  0.                  0.                  0.
   3            0.                  0.                  0.                  0.                  0.
   4            0.                  0.                  0.                  0.                  0.
   5            0.                  0.                  0.                  0.                  0.
   6            0.                  0.                  0.                  0.                  0.
   7            0.                  0.                  0.                  0.                  0.
   8            0.                  0.                  0.                  0.                  0.
   9            0.                  0.                  0.                  0.                  0.
  10            0.                  0.                  0.                  0.                  0.
  11            0.                  0.                  0.                  0.                  0.
  12            0.                  0.                  0.                  0.                  0.
  13            0.                  0.                  0.                  0.                  0.
  14            0.                  0.                  0.                  0.                  0.
  15            0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    9 REGION NUMBER 002POLITICAL JURISDICTION  9 COUNTY NAME MONTGOME COORDINATES  X   0.0 Y   0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            1.                  4.                  5.                  1.                  0.                199.
OIL             2.                 19.                  1.                  1.                  3.                490.
NATL.GAS       36.                  1.                 37.                 15.                140.               3743.
COMMEIND
COAL           75.                167.                220.                 53.                 22.               8807.
RES.OIL        57.                787.                  0.                  7.                149.               4952.
DIST.OIL       28.                225.                  0.                  6.                112.               3717.
NATL.GAS       30.                  1.                 31.                 12.                117.               3111.
NON-PT
COAL          634.                545.                 29.                 14.                215.              28701.
RES.OIL         7.                 92.                  0.                  1.                 19.                629.
DIST.OIL        5.                 52.                  0.                  1.                 22.                728.
NATL.GAS        2.                  0.                  0.                  5.                 22.                248.
WOOD           13.                  0.                 13.                  5.                 42.               4163.
OPEN BRN      506.                 32.               2686.                948.                170.              63210.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.               3811.                  0.               3811.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          8.                125.                135.                 96.                145.               3859.
DIESEL        139.                251.               1813.                363.               1896.              11159.
OTHER          18.                  0.                 54.                  4.                  2.               2153.
AS 25MPH      323.                196.             102412.              16856.               9702.             980020.
AS 45MPH      167.                101.              33340.               6900.               5860.             509155.
OTHER         173.                  0.                916.                 41.                 20.              20400.
ADDPOL

   1            0.                  0.                  0.                  0.                  0.
   2            0.                  0.                  0.                  0.                  0.
   3            0.                  0.                  0.                  0.                  0.
   4            0.                  0.                  0.                  0.                  0.
   5            0.                  0.                  0.                  0.                  0.
   6            0.                  0.                  0.                  0.                  0.
   7            0.                  0.                  0.                  0.                  0.
   8            0.                  0.                  0.                  0.                  0.
   9            0.                  0.                  0.                  0.                  0.
  10            0.                  0.                  0.                  0.                  0.
  11            0.                  0.                  0.                  0.                  0.
  12            0.                  0.                  0.                  0.                  0.
  13            0.                  0.                  0.                  0.                  0.
  14            0.                  0.                  0.                  0.                  0.
  15            0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER   10 REGION NUMBER 002POLITICAL JURISDICTION 10 COUNTY NAME PIKE     COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
        | ACTUAL | EXPECTED | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                1.                2.                0.                0.               77.
OIL             1.                8.                1.                0.                2.              212.
NATL.GAS        3.                0.                3.                1.               10.              465.
COMMCIND
COAL            6.               14.               18.                4.                2.              721.
RES.OIL         1.               10.                0.                0.                2.               61.
DIST.OIL        2.               15.                0.                0.                7.              243.
NATL.GAS        2.                0.                2.                1.                7.              164.
NON-PT
COAL          161.              139.                7.                4.               55.             7293.
RES.OIL         2.               23.                0.                0.                3.              160.
DIST.OIL        1.               13.                0.                0.                6.              165.
NATL.GAS        1.                0.                0.                1.                4.               63.
WOOD            7.                6.                8.                3.               24.             2371.
OPEN BRN      107.                7.              571.              201.               40.            13430.
INCINER         0.                0.                0.                0.                0.                0.
SOLVENT         0.                0.                0.              203.                0.              203.
VESSELS         0.                0.                0.                0.                0.                0.
RAILRD          6.               17.               18.               13.               19.              516.
DIESEL         11.               19.              139.               28.              146.              857.
OTHER           9.                0.               26.                2.                1.             1050.
AS 25MPH       31.               19.             9694.             1596.              918.            92766.
AS 45MPH       10.                6.             1933.              375.              343.            29293.
OTHER         110.                0.              325.               26.               11.            13000.
ADDPOL
     1          0.                0.                0.                0.                0.
     2          0.                0.                0.                0.                0.
     3          0.                0.                0.                0.                0.
     4          0.                0.                0.                0.                0.
     5          0.                0.                0.                0.                0.
     6          0.                0.                0.                0.                0.
     7          0.                0.                0.                0.                0.
     8          0.                0.                0.                0.                0.
     9          0.                0.                0.                0.                0.
    10          0.                0.                0.                0.                0.
    11          0.                0.                0.                0.                0.
    12          0.                0.                0.                0.                0.
    13          0.                0.                0.                0.                0.
    14          0.                0.                0.                0.                0.
    15          0.                0.                0.                0.                0.
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SOURCE NUMBER   11 REGION NUMBER 002POLITICAL JURISDICTION 11 COUNTY NAME RUSSELL  COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
        | ACTUAL | EXPECTED | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL            5.               27.               36.                9.                4.             1431.
OIL             1.                4.                0.                0.                1.              149.
NATL.GAS        6.                0.                6.                3.               24.              630.
COMMCIND
COAL            5.               10.               13.                3.                1.              535.
RES.OIL         3.               35.                0.                0.                7.              223.
DIST.OIL        2.               13.                0.                0.                6.              213.
NATL.GAS        2.                0.                2.                1.                7.              183.
NON-PT
COAL          118.              102.                5.                3.               40.             5346.
RES.OIL         1.               17.                0.                0.                4.              117.
DIST.OIL        1.               10.                0.                0.                4.              136.
NATL.GAS        0.                0.                0.                1.                4.               46.
WOOD           10.                0.               11.                4.               34.             3352.
OPEN BRN      208.               13.             1105.              390.               76.            25990.
INCINER         0.                0.                0.                0.                0.                0.
SOLVENT         0.                0.                0.              219.                0.              219.
VESSELS         0.                0.                0.                0.                0.                0.
RAILRD         13.               34.               37.               26.               39.             1044.
DIESEL         17.               31.              224.               45.              237.             1393.
OTHER           9.                0.               27.                2.                1.             1100.
AS 25MPH       46.               28.            14469.             2372.             1365.           137889.
AS 45MPH       19.               11.             3721.              722.              654.            56305.
OTHER         291.                0.              855.               68.               34.            34300.
ADDPOL
     1          0.                0.                0.                0.                0.
     2          0.                0.                0.                0.                0.
     3          0.                0.                0.                0.                0.
     4          0.                0.                0.                0.                0.
     5          0.                0.                0.                0.                0.
     6          0.                0.                0.                0.                0.
     7          0.                0.                0.                0.                0.
     8          0.                0.                0.                0.                0.
     9          0.                0.                0.                0.                0.
    10          0.                0.                0.                0.                0.
    11          0.                0.                0.                0.                0.
    12          0.                0.                0.                0.                0.
    13          0.                0.                0.                0.                0.
    14          0.                0.                0.                0.                0.
    15          0.                0.                0.                0.                0.
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SOURCE NUMBER    1 REGION NUMBER 003POLITICAL JURISDICTION  1 COUNTY NAME CALHOUN  COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
          |  ACTUAL | EXPECTED |   ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL             1.              4.              8.              1.              1.            224.
OIL              1.              7.              1.              0.              1.            232.
NATL.GAS        19.              1.             20.              8.             75.           1995.
COMM&IND
COAL            21.             46.             61.             15.              4.           2447.
RES.OIL         22.            303.              0.              3.             57.           1904.
DIST.OIL        15.            123.              0.              3.             61.           2030.
NATL.GAS        20.              1.             27.             11.            101.           2686.
NON-PT
COAL          1000.            860.             49.             23.            339.          49247.
RES.OIL         11.            145.              0.              1.             30.            993.
DIST.OIL         8.             80.              0.              2.             33.           1117.
NATL.GAS         4.              0.              0.              8.             34.            392.
WOOD            27.              0.             28.             11.             88.           8633.
OPEN BRN       444.             26.           2341.            833.            167.          55550.
INCINER          0.              0.              0.              0.              0.              0.
SOLVENT          0.              0.              0.            874.              0.            874.
VESSELS          0.              0.              0.              0.              0.              0.
RAILRD          31.             81.             88.             63.             94.           2507.
DIESEL          52.             94.            681.            136.            712.           4188.
OTHER            4.              0.             11.              1.              0.            455.
AS 25MPH       117.             71.          36958.           6083.           3501.         353666.
AS 45MPH        75.             45.          15010.           2911.           2638.         227430.
OTHER          148.              0.            439.             39.             17.          17400.
ADDPOL

   1             0.              0.              0.              0.              0.
   2             3.             18.              8.              7.              9.
   3             0.              0.              0.              6.              3.
   4             0.              0.              0.              0.              0.
   5             0.              0.              0.              0.              0.
   6             0.              0.              0.              0.              0.
   7             0.              0.              0.              0.              0.
   8             0.              0.              0.              0.              0.
   9             0.              0.              0.              0.              0.
  10             0.              0.              0.              0.              0.
  11             0.              0.              0.              0.              0.
  12             0.              0.              0.              0.              0.
  13             0.              0.              0.              0.              0.
  14             0.              0.              0.              0.              0.
  15             0.              0.              0.              0.              0.

SOURCE NUMBER    2 REGION NUMBER 003POLITICAL JURISDICTION  2 COUNTY NAME CHAMBERS COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
          |  ACTUAL | EXPECTED |   ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPACTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL             0.              2.              3.              1.              0.            104.
OIL              1.              4.              0.              0.              1.            125.
NATL.GAS         7.              0.              8.              3.             20.            756.
COMM&IND
COAL             4.              8.             11.              3.              1.            433.
RES.OIL          1.              7.              0.              0.              1.             46.
DIST.OIL         2.             16.              0.              0.              8.            267.
NATL.GAS         5.              0.              6.              2.             21.            562.
NON-PT
COAL            25.             22.              1.              1.              9.           1145.
RES.OIL          0.              4.              0.              0.              1.             25.
DIST.OIL         0.              2.              0.              0.              1.             28.
NATL.GAS         0.              0.              0.              0.              1.             10.
WOOD             8.              0.              9.              3.             27.           2749.
OPEN BRN       280.             17.           1487.            525.            105.          34977.
INCINER          0.              0.              0.              0.              0.              0.
SOLVENT          0.              0.              0.            248.              0.            248.
VESSELS          0.              0.              0.              0.              0.              0.
RAILRD           4.             12.             12.              9.             13.            355.
DIESEL          21.             38.            275.             55.            287.           1690.
OTHER            7.              0.             21.              2.              1.            858.
AS 25MPH        34.             22.          11438.           1883.           1084.         109497.
AS 45MPH        46.             28.           9231.           1390.           1622.         139860.
OTHER          113.              0.            333.             27.             13.          13308.
ADDPOL

   1             0.              0.              0.              0.              0.
   2             0.              0.              0.              0.              0.
   3             0.              0.              0.              0.              0.
   4             0.              0.              0.              0.              0.
   5             0.              0.              0.              0.              0.
   6             0.              0.              0.              0.              0.
   7             0.              0.              0.              0.              0.
   8             0.              0.              0.              0.              0.
   9             0.              0.              0.              0.              0.
  10             0.              0.              0.              0.              0.
  11             0.              0.              0.              0.              0.
  12             0.              0.              0.              0.              0.
  13             0.              0.              0.              0.              0.
  14             0.              0.              0.              0.              0.
  15             0.              0.              0.              0.              0.
```

```
SOURCE NUMBER    3 REGION NUMBER 003POLITICAL JURISDICTION  3 COUNTY NAME CHEROKEE COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          0.                 2.                 3.                 1.                 0.              107.
OIL           1.                 3.                 0.                 0.                 1.              107.
NATL.GAS      1.                 0.                 1.                 0.                 3.               77.
COMMEIND
COAL          2.                 4.                 6.                 1.                 1.              235.
RES.OIL       0.                 3.                 0.                 0.                 1.               20.
DIST.OIL      1.                 9.                 0.                 0.                 4.              142.
NATL.GAS      2.                 0.                 3.                 1.                10.              253.
NON-PT
COAL         86.                74.                 4.                 2.                29.             3081.
RES.OIL       1.                12.                 0.                 0.                 3.               85.
DIST.OIL      1.                 7.                 0.                 0.                 3.               90.
NATL.GAS      0.                 0.                 0.                 1.                 3.               34.
WOOD          7.                 0.                 8.                 3.                24.             2424.
OPEN BRN    127.                 8.               673.               238.                48.            15834.
INCINER       0.                 0.                 0.                 0.                 0.                0.
SOLVENT       0.                 0.                 0.                89.                 0.               89.
VESSELS       0.                 0.                 0.                 0.                 0.                0.
RAILRD        5.                12.                13.                 9.                14.              300.
DIESEL        5.                 9.                68.                13.                69.              407.
OTHER         5.                 0.                13.                 1.                 1.              538.
AS 25MPH      0.                 0.                 0.                 0.                 0.                0.
AS 45MPH     19.                12.              3839.               745.               675.            30170.
OTHER       125.                 0.               368.                29.                15.            14700.
ADDPOL

   1          0.                 0.                 0.                 0.                 0.
   2          3.                18.                 8.                 6.                 9.
   3          0.                 0.                 0.                 0.                 0.
   4          0.                 0.                 0.                 0.                 0.
   5          0.                 0.                 0.                 0.                 0.
   6          0.                 0.                 0.                 0.                 0.
   7          0.                 0.                 0.                 0.                 0.
   8          0.                 0.                 0.                 0.                 0.
   9          0.                 0.                 0.                 0.                 0.
  10          0.                 0.                 0.                 0.                 0.
  11          0.                 0.                 0.                 0.                 0.
  12          0.                 0.                 0.                 0.                 0.
  13          0.                 0.                 0.                 0.                 0.
  14          0.                 0.                 0.                 0.                 0.
  15          0.                 0.                 0.                 0.                 0.


SOURCE NUMBER    4 REGION NUMBER 003POLITICAL JURISDICTION  4 COUNTY NAME CLAY     COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          0.                 1.                 1.                 0.                 0.               47.
OIL           0.                 2.                 0.                 0.                 0.               54.
NATL.GAS      1.                 0.                 1.                 0.                 5.              121.
COMMEIND
COAL          1.                 3.                 4.                 1.                 0.              172.
RES.OIL       0.                 2.                 0.                 0.                 0.               15.
DIST.OIL      1.                 6.                 0.                 0.                 3.              104.
NATL.GAS      2.                 0.                 2.                 1.                 6.              159.
NON-PT
COAL         97.                83.                 4.                 2.                33.             4374.
RES.OIL       1.                14.                 0.                 0.                 3.               96.
DIST.OIL      1.                 8.                 0.                 0.                 3.              108.
NATL.GAS      0.                 0.                 0.                 1.                 3.               38.
WOOD          6.                 0.                 6.                 2.                19.             1938.
OPEN BRN    112.                 7.               396.               210.                42.            14015.
INCINER       0.                 0.                 0.                 0.                 0.                0.
SOLVENT       0.                 0.                 0.                73.                 0.               73.
VESSELS       0.                 0.                 0.                 0.                 0.                0.
RAILRD        4.                10.                11.                 8.                12.              308.
DIESEL        4.                 7.                48.                10.                51.              298.
OTHER         4.                 0.                12.                 1.                 0.              443.
AS 25MPH      0.                 0.                 0.                 0.                 0.                0.
AS 45MPH     14.                 9.              2807.               544.               493.            42525.
OTHER      1263.                 0.              3715.               297.               149.           148600.
ADDPOL

   1          0.                 0.                 0.                 0.                 0.
   2          0.                 0.                 0.                 0.                 0.
   3          0.                 0.                 0.                 0.                 0.
   4          0.                 0.                 0.                 0.                 0.
   5          0.                 0.                 0.                 0.                 0.
   6          0.                 0.                 0.                 0.                 0.
   7          0.                 0.                 0.                 0.                 0.
   8          0.                 0.                 0.                 0.                 0.
   9          0.                 0.                 0.                 0.                 0.
  10          0.                 0.                 0.                 0.                 0.
  11          0.                 0.                 0.                 0.                 0.
  12          0.                 0.                 0.                 0.                 0.
  13          0.                 0.                 0.                 0.                 0.
  14          0.                 0.                 0.                 0.                 0.
  15          0.                 0.                 0.                 0.                 0.
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SOURCE NUMBER    5 REGION NUMBER 003POLITICAL JURISDICTION  5 COUNTY NAME CLEBURNE COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         |  ACTUAL | EXPECTED |   ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  1.                 2.                  0.                  0.                 78.
OIL             0.                  1.                 0.                  0.                  0.                 18.
NATL.GAS        1.                  0.                 1.                  0.                  3.                 93.
COMMEIND
COAL            1.                  2.                 2.                  1.                  0.                 95.
RES.OIL         0.                  1.                 0.                  0.                  0.                  8.
DIST.OIL        0.                  3.                 0.                  0.                  2.                 58.
NATL.GAS        1.                  0.                 1.                  1.                  5.                128.
NON-PT
COAL           97.                 83.                 4.                  2.                 33.               4374.
RES.OIL         1.                 14.                 0.                  0.                  3.                 96.
DIST.OIL        1.                  8.                 0.                  0.                  3.                108.
NATL.GAS        0.                  0.                 0.                  1.                  3.                 38.
WOOD            7.                  0.                 8.                  3.                 24.               2351.
OPEN BRN       83.                  5.               990.                195.                 31.              10346.
INCINER         0.                  0.                 0.                  0.                  0.                  0.
SOLVENT         0.                  0.                 0.                 54.                  0.                 54.
VESSELS         0.                  0.                 0.                  0.                  0.                  0.
RAILRD          3.                  9.                 9.                  7.                 10.                268.
DIESEL          4.                  6.                46.                  9.                 48.                201.
OTHER           3.                  0.                 8.                  1.                  0.                335.
AS 25MPH        0.                  0.                 0.                  0.                  0.                  0.
AS 45MPH       13.                  8.              2690.                512.                985.              40005.
OTHER         156.                  0.               434.                 37.                 18.              18300.
ADDPOL

   1            0.                  0.                 0.                  0.                  0.
   2            0.                  0.                 0.                  0.                  0.
   3            0.                  0.                 0.                  0.                  0.
   4            0.                  0.                 0.                  0.                  0.
   5            0.                  0.                 0.                  0.                  0.
   6            0.                  0.                 0.                  0.                  0.
   7            0.                  0.                 0.                  0.                  0.
   8            0.                  0.                 0.                  0.                  0.
   9            0.                  0.                 0.                  0.                  0.
  10            0.                  0.                 0.                  0.                  0.
  11            0.                  0.                 0.                  0.                  0.
  12            0.                  0.                 0.                  0.                  0.
  13            0.                  0.                 0.                  0.                  0.
  14            0.                  0.                 0.                  0.                  0.
  15            0.                  0.                 0.                  0.                  0.
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SOURCE NUMBER    6 REGION NUMBER 003POLITICAL JURISDICTION  6 COUNTY NAME COOSA   COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         |  ACTUAL | EXPECTED |   ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  1.                 1.                  0.                  0.                 51.
OIL             0.                  2.                 0.                  0.                  0.                 72.
NATL.GAS        1.                  0.                 1.                  0.                  2.                 55.
COMMEIND
COAL            1.                  1.                 2.                  0.                  0.                 62.
RES.OIL         0.                  1.                 0.                  0.                  0.                  9.
DIST.OIL        0.                  2.                 0.                  0.                  1.                 38.
NATL.GAS        0.                  0.                 1.                  0.                  2.                 51.
NON-PT
COAL           75.                 65.                 3.                  2.                 26.               3400.
RES.OIL         1.                 11.                 0.                  0.                  2.                 75.
DIST.OIL        1.                  6.                 0.                  0.                  3.                 64.
NATL.GAS        0.                  0.                 0.                  1.                  3.                 29.
WOOD            6.                  0.                 6.                  2.                 20.               1988.
OPEN BRN       61.                  4.               320.                115.                 23.               7667.
INCINER         0.                  0.                 0.                  0.                  0.                  0.
SOLVENT         0.                  0.                 0.                 65.                  0.                 65.
VESSELS         0.                  0.                 0.                  0.                  0.                  0.
RAILRD          3.                  8.                 9.                  6.                 10.                259.
DIESEL          5.                  8.                60.                 12.                 63.                370.
OTHER           4.                  0.                11.                  1.                  0.                459.
AS 25MPH        0.                  0.                 0.                  0.                  0.                  0.
AS 45MPH       17.                 11.              3480.                676.                813.              52015.
OTHER         145.                  0.               485.                 39.                 19.              19400.
ADDPOL

   1            0.                  0.                 0.                  0.                  0.
   2            3.                 10.                 8.                  6.                  9.
   3            0.                  0.                 0.                  0.                  0.
   4            0.                  0.                 0.                  0.                  0.
   5            0.                  0.                 0.                  0.                  0.
   6            0.                  0.                 0.                  0.                  0.
   7            0.                  0.                 0.                  0.                  0.
   8            0.                  0.                 0.                  0.                  0.
   9            0.                  0.                 0.                  0.                  0.
  10            0.                  0.                 0.                  0.                  0.
  11            0.                  0.                 0.                  0.                  0.
  12            0.                  0.                 0.                  0.                  0.
  13            0.                  0.                 0.                  0.                  0.
  14            0.                  0.                 0.                  0.                  0.
  15            0.                  0.                 0.                  0.                  0.
```

SOURCE NUMBER 7 REGION NUMBER 003POLITICAL JURISDICTION 7 COUNTY NAME ETAWAH COORDINATES X 0.0 Y 0.0 AREA 0.0

	PARTICULATES		SULFUR OXIDES		CARBON MONOXIDE		HYDROCARBONS		NITROUS OXIDES		FUEL TOTAL	
	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED
DOMESTIC												
COAL	12.		67.		88.		21.		9.		3508.	
OIL	1.		7.		1.		0.		2.		250.	
NATL.GAS	20.		1.		21.		8.		78.		2072.	
COMMEIND												
COAL	21.		47.		81.		13.		6.		2491.	
RES.OIL	3.		36.		0.		0.		7.		220.	
DIST.OIL	11.		90.		0.		2.		45.		1493.	
NATL.GAS	27.		1.		29.		11.		107.		2866.	
NON-PT												
COAL	1107.		952.		56.		25.		376.		50113.	
RES.OIL	13.		161.		0.		2.		33.		1100.	
DIST.OIL	9.		89.		0.		2.		37.		1237.	
NATL.GAS	4.		0.		0.		9.		38.		434.	
WOOD	22.		0.		24.		9.		74.		7398.	
OPEN BRN	430.		27.		2287.		807.		161.		93801.	
INCINER	0.		0.		0.		0.		0.		0.	
SOLVENT	0.		0.		0.		889.		0.		889.	
VESSELS	0.		0.		0.		0.		0.		0.	
RAILRD	29.		74.		80.		57.		86.		2209.	
DIESEL	47.		85.		617.		123.		646.		3800.	
OTHER	4.		0.		12.		1.		0.		461.	
AS 25MPH	155.		94.		48977.		8061.		4640.		468681.	
AS 45MPH	38.		22.		7155.		1300.		1258.		104403.	
OTHER	246.		0.		725.		58.		29.		29000.	
ADDPOL												
1	0.		0.		0.		0.		0.			
2	3.		18.		8.		6.		9.			
3	0.		0.		0.		0.		0.			
4	0.		0.		0.		0.		0.			
5	0.		0.		0.		0.		0.			
6	0.		0.		0.		0.		0.			
7	0.		0.		0.		0.		0.			
8	0.		0.		0.		0.		0.			
9	0.		0.		0.		0.		0.			
10	0.		0.		0.		0.		0.			
11	0.		0.		0.		0.		0.			
12	0.		0.		0.		0.		0.			
13	0.		0.		0.		0.		0.			
14	0.		0.		0.		0.		0.			
15	0.		0.		0.		0.		0.			

SOURCE NUMBER 8 REGION NUMBER 003POLITICAL JURISDICTION 8 COUNTY NAME RANDOLPH COORDINATES X 0.0 Y 0.0 AREA 0.0

	PARTICULATES		SULFUR OXIDES		CARBON MONOXIDE		HYDROCARBONS		NITROUS OXIDES		FUEL TOTAL	
	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED
DOMESTIC												
COAL	0.		2.		2.		1.		0.		94.	
OIL	0.		1.		0.		0.		0.		35.	
NATL.GAS	2.		4.		2.		1.		7.		192.	
COMMEIND												
COAL	3.		6.		8.		2.		1.		305.	
RES.OIL	0.		4.		0.		0.		1.		26.	
DIST.OIL	1.		11.		0.		0.		6.		186.	
NATL.GAS	2.		4.		2.		1.		8.		207.	
NON-PT												
COAL	193.		166.		9.		4.		66.		8747.	
RES.OIL	2.		28.		0.		0.		6.		192.	
DIST.OIL	2.		16.		0.		0.		6.		216.	
NATL.GAS	1.		0.		0.		2.		7.		76.	
WOOD	7.		0.		8.		3.		24.		2361.	
OPEN BRN	143.		9.		740.		268.		54.		17084.	
INCINER	0.		0.		0.		0.		0.		0.	
SOLVENT	0.		0.		0.		110.		0.		110.	
VESSELS	0.		0.		0.		0.		0.		0.	
RAILRD	6.		15.		16.		11.		17.		446.	
DIESEL	6.		11.		77.		15.		81.		475.	
OTHER	7.		0.		19.		2.		1.		780.	
AS 25MPH	19.		11.		5974.		983.		566.		57167.	
AS 45MPH	5.		3.		984.		191.		173.		14910.	
OTHER	103.		0.		303.		24.		12.		12100.	
ADDPOL												
1	0.		0.		0.		0.		0.			
2	0.		0.		0.		0.		0.			
3	0.		0.		0.		0.		0.			
4	0.		0.		0.		0.		0.			
5	0.		0.		0.		0.		0.			
6	0.		0.		0.		0.		0.			
7	0.		0.		0.		0.		0.			
8	0.		0.		0.		0.		0.			
9	0.		0.		0.		0.		0.			
10	0.		0.		0.		0.		0.			
11	0.		0.		0.		0.		0.			
12	0.		0.		0.		0.		0.			
13	0.		0.		0.		0.		0.			
14	0.		0.		0.		0.		0.			
15	0.		0.		0.		0.		0.			

```
SOURCE NUMBER    9 REGION NUMBER 003POLITICAL JURISDICTION  9 COUNTY NAME TALLADEG COORDINATES  X   0.0 Y   0.0 AREA   0.0
        |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS      |  NITROUS OXIDES  |    FUEL TOTAL    |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          1.                4.                6.                1.                1.
OIL           1.                7.                1.                0.                1.               225.
NATL.GAS     12.                0.               13.                5.               48.               232.
COMMEIND                                                                                               1271.
COAL         10.               23.               30.                7.                3.
RES.OIL       1.               18.                0.                0.                3.               1212.
DIST.OIL      6.               44.                0.                1.               22.               113.
NATL.GAS     16.                0.               16.                7.               61.               735.
NON-PT                                                                                                 1636.
COAL        784.              674.               35.               18.              266.
RES.OIL       9.              114.                0.                1.               23.              39492.
DIST.OIL      7.               63.                0.                1.               26.               779.
NATL.GAS      3.                0.                0.                6.               27.               676.
WOOD         18.                0.               19.                8.               60.               307.
OPEN BRN    428.               27.             2275.              803.              161.              6048.
INCINER       0.                0.                0.                0.                0.              53941.
SOLVENT       0.                0.                0.              426.                0.                 0.
VESSELS       0.                0.                0.                0.                0.               426.
RAILRD       20.               52.               56.               40.               60.                 0.
DIESEL       25.               46.              331.               66.              346.              1507.
OTHER         8.                0.               23.                2.                1.              2035.
AS 25MPH     74.               45.            23576.             3480.             2234.               934.
AS 45MPH     27.               16.             5364.             1040.              943.            225606.
OTHER       263.                0.              775.               62.               31.             81270.
ADDPOL                                                                                               31000.

    1         0.                0.                0.                0.                0.
    2         3.               18.                8.                6.                9.
    3         0.                0.                0.                0.                0.
    4         0.                0.                0.                0.                0.
    5         0.                0.                0.                0.                0.
    6         0.                0.                0.                0.                0.
    7         0.                0.                0.                0.                0.
    8         0.                0.                0.                0.                0.
    9         0.                0.                0.                0.                0.
   10         0.                0.                0.                0.                0.
   11         0.                0.                0.                0.                0.
   12         0.                0.                0.                0.                0.
   13         0.                0.                0.                0.                0.
   14         0.                0.                0.                0.                0.
   15         0.                0.                0.                0.                0.

SOURCE NUMBER   10 REGION NUMBER 003POLITICAL JURISDICTION 10 COUNTY NAME TALLAPOO COORDINATES  X   0.0 Y   0.0 AREA   0.0
        |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS      |  NITROUS OXIDES  |    FUEL TOTAL    |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          0.                3.                3.                1.
OIL           1.                7.                1.                0.                0.               132.
NATL.GAS      5.                0.                6.                2.                2.               250.
COMMEIND                                                                           21.               394.
COAL          5.               12.               16.                4.
RES.OIL       1.                8.                0.                0.                2.               628.
DIST.OIL      3.               23.                0.                1.                2.                53.
NATL.GAS      7.                0.                7.                3.               11.               380.
NON-PT                                                                             27.               726.
COAL        839.              721.               38.               19.
RES.OIL      10.              122.                0.                1.              285.              37943.
DIST.OIL      7.               67.                0.                1.               25.               633.
NATL.GAS      3.                0.                0.                7.               28.               936.
WOOD         11.                0.               12.                5.               29.               324.
OPEN BRN    117.                7.              824.              220.               37.              3730.
INCINER       0.                0.                0.                0.               44.              14675.
SOLVENT       0.                0.                0.              239.                0.                 0.
VESSELS       0.                0.                0.                0.                0.               239.
RAILRD       10.               27.                0.                0.                0.                 0.
DIESEL       14.               24.               29.               21.               31.               823.
OTHER         9.                0.              177.               35.              185.              1088.
AS 25MPH     46.               28.               25.                2.                1.              1013.
AS 45MPH      8.                5.            14710.             2421.             1394.            140763.
OTHER       185.                0.             1635.              317.              287.             24706.
ADDPOL                                          545.               44.               22.             21800.

    1         0.                0.                0.                0.
    2         0.                0.                0.                0.                0.
    3         0.                0.                0.                0.                0.
    4         0.                0.                0.                0.                0.
    5         0.                0.                0.                0.                0.
    6         0.                0.                0.                0.                0.
    7         0.                0.                0.                0.                0.
    8         0.                0.                0.                0.                0.
    9         0.                0.                0.                0.                0.
   10         0.                0.                0.                0.                0.
   11         0.                0.                0.                0.                0.
   12         0.                0.                0.                0.                0.
   13         0.                0.                0.                0.                0.
   14         0.                0.                0.                0.                0.
   15         0.                0.                0.                0.                0.
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SOURCE NUMBER    1 REGION NUMBER 004POLITICAL JURISDICTION  1 COUNTY NAME BIBB     COORDINATES  X    0.0 Y    0.0 AREA   0.0
        |    PARTICULATES     |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FUEL TOTAL      |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            1.                  3.                  4.                  1.                  0.                164.
OIL             0.                  1.                  0.                  0.                  0.                 18.
NATL.GAS        5.                  0.                  5.                  2.                 21.                548.
COMMEIND
COAL            1.                  3.                  4.                  1.                  0.                170.
RES.OIL         0.                  3.                  0.                  0.                  1.                 22.
DIST.OIL        1.                  5.                  0.                  0.                  3.                 87.
NATL.GAS        2.                  0.                  2.                  1.                  9.                216.
NON-PT
COAL          108.                 93.                  5.                  2.                 37.               4880.
RES.OIL         1.                 16.                  0.                  0.                  5.                166.
DIST.OIL        1.                  9.                  0.                  0.                  4.                129.
NATL.GAS        0.                  0.                  0.                  1.                  4.                 42.
WOOD            2.                  0.                  3.                  1.                  8.                809.
OPEN BRN      166.                  7.                565.                199.                 40.              13290.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                139.                  0.                139.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          4.                 10.                 11.                  8.                 12.                318.
DIESEL          9.                 15.                111.                 22.                116.                680.
OTHER           4.                  0.                 13.                  1.                  1.                508.
AS 25MPH        0.                  0.                  0.                  0.                  0.                  0.
AS 45MPH       70.                 42.              13910.               2698.               2445.             210754.
OTHER         100.                  0.                295.                 24.                 12.              11800.
ADDPOL

   1            0.                  0.                  0.                  0.                  0.
   2            0.                  0.                  0.                  0.                  0.
   3            0.                  0.                  0.                  0.                  0.
   4            0.                  0.                  0.                  0.                  0.
   5            0.                  0.                  0.                  0.                  0.
   6            0.                  0.                  0.                  0.                  0.
   7            0.                  0.                  0.                  0.                  0.
   8            0.                  0.                  0.                  0.                  0.
   9            0.                  0.                  0.                  0.                  0.
  10            0.                  0.                  0.                  0.                  0.
  11            0.                  0.                  0.                  0.                  0.
  12            0.                  0.                  0.                  0.                  0.
  13            0.                  0.                  0.                  0.                  0.
  14            0.                  0.                  0.                  0.                  0.
  15            0.                  0.                  0.                  0.                  0.


SOURCE NUMBER    2 REGION NUMBER 004POLITICAL JURISDICTION  2 COUNTY NAME BLOUNT   COORDINATES  X    0.0 Y    0.0 AREA   0.0
        |    PARTICULATES     |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FUEL TOTAL      |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED
DOMESTIC
COAL            2.                 10.                 13.                  3.                  1.                535.
OIL             0.                  3.                  0.                  0.                  1.                 91.
NATL.GAS        3.                  0.                  3.                  1.                 10.                274.
COMMEIND
COAL            2.                  5.                  7.                  2.                  1.                271.
RES.OIL         0.                  6.                  0.                  0.                  1.                 35.
DIST.OIL        1.                  8.                  0.                  0.                  4.                138.
NATL.GAS        3.                  0.                  3.                  1.                 10.                265.
NON-PT
COAL          140.                121.                  6.                  3.                 48.               6353.
RES.OIL         2.                 20.                  0.                  0.                  4.                130.
DIST.OIL        1.                 12.                  0.                  0.                  5.                166.
NATL.GAS        0.                  0.                  0.                  1.                  5.                 55.
WOOD           14.                  0.                 14.                  6.                 45.               4473.
OPEN BRN      232.                 15.               1233.                435.                 87.              29020.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                152.                  0.                152.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          8.                 20.                 22.                 15.                 23.                618.
DIESEL          9.                 15.                111.                 22.                116.                660.
OTHER           1.                  0.                  2.                  0.                  0.                 69.
AS 25MPH       11.                  6.               4269.                565.                302.              32340.
AS 45MPH       38.                 23.               7623.               1478.               1340.             119494.
OTHER         220.                  0.                647.                 52.                 26.              25900.
ADDPOL

   1            0.                  0.                  0.                  0.                  0.
   2            0.                  0.                  0.                  0.                  0.
   3            0.                  0.                  0.                  0.                  0.
   4            0.                  0.                  0.                  0.                  0.
   5            0.                  0.                  0.                  0.                  0.
   6            0.                  0.                  0.                  0.                  0.
   7            0.                  0.                  0.                  0.                  0.
   8            0.                  0.                  0.                  0.                  0.
   9            0.                  0.                  0.                  0.                  0.
  10            0.                  0.                  0.                  0.                  0.
  11            0.                  0.                  0.                  0.                  0.
  12            0.                  0.                  0.                  0.                  0.
  13            0.                  0.                  0.                  0.                  0.
  14            0.                  0.                  0.                  0.                  0.
  15            0.                  0.                  0.                  0.                  0.
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NOT REPRODUCIBLE

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SOURCE NUMBER     3 REGION NUMBER 004POLITICAL JURISDICTION  3 COUNTY NAME CHILTON  COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |   SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |     FULL TOTAL     |
        | ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED
DOMESTIC
COAL          1.                 4.                5.                1.                1.                  214.
OIL           1.                 3.                0.                0.                1.                  109.
NATL.GAS      3.                 0.                3.                1.               11.                  265.
COMM&IND
COAL          2.                 5.                7.                2.                1.                  273.
RES.OIL       0.                 6.                0.                0.                1.                   35.
DIST.OIL      1.                 8.                0.                0.                4.                  139.
NATL.GAS      1.                 0.                1.                1.                5.                  136.
NON-PT
COAL         54.                46.                2.                1.               19.                 2440.
RES.OIL       1.                 8.                0.                0.                2.                   53.
DIST.OIL      0.                 5.                0.                0.                2.                   65.
NATL.GAS      0.                 0.                0.                0.                2.                   21.
WOOD          8.                 0.                9.                3.               27.                 2664.
OPEN BRN     36.                 2.              190.               67.               13.                 4470.
INCINER       0.                 0.                0.                0.                0.                    0.
SOLVENT       0.                 0.                0.              182.                0.                  182.
VESSELS       0.                 0.                0.                0.                0.                    0.
RAILRD        7.                19.               20.               14.               22.                  579.
DIESEL       10.                19.              135.               27.              141.                  832.
OTHER         6.                 0.               18.                1.                1.                  733.
AS 25MPH     11.                 7.             4946.              606.              322.                34440.
AS 45MPH     60.                37.            12049.             2337.             2118.               182562.
OTHER       142.                 0.              417.               33.               17.                16700.
ADDPOL

    1         0.                 0.                0.                0.                0.
    2         3.                18.                8.                6.                9.
    3         0.                 0.                0.                0.                0.
    4         0.                 0.                0.                0.                0.
    5         0.                 0.                0.                0.                0.
    6         0.                 0.                0.                0.                0.
    7         0.                 0.                0.                0.                0.
    8         0.                 0.                0.                0.                0.
    9         0.                 0.                0.                0.                0.
   10         0.                 0.                0.                0.                0.
   11         0.                 0.                0.                0.                0.
   12         0.                 0.                0.                0.                0.
   13         0.                 0.                0.                0.                0.
   14         0.                 0.                0.                0.                0.
   15         0.                 0.                0.                0.                0.

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SOURCE NUMBER     4 REGION NUMBER 004POLITICAL JURISDICTION  4 COUNTY NAME FAYETTE  COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |   SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |     FULL TOTAL     |
        | ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          1.                 6.                7.                2.                1.                  298.
OIL           0.                 2.                0.                0.                0.                   55.
NATL.GAS      1.                 0.                1.                1.                5.                  126.
COMM&IND
COAL          2.                 3.                4.                1.                0.                  177.
RES.OIL       0.                 4.                0.                0.                1.                   23.
DIST.OIL      1.                 5.                0.                0.                3.                   90.
NATL.GAS      1.                 0.                1.                1.                5.                  140.
NON-PT
COAL        151.               130.                7.                3.               51.                 6836.
RES.OIL       2.                22.                0.                0.                4.                  149.
DIST.OIL      1.                13.                0.                0.                5.                  181.
NATL.GAS      1.                 0.                0.                1.                5.                   59.
WOOD          3.                 0.                3.                1.                9.                  922.
OPEN BRN    118.                 7.              625.              221.               44.                14710.
INCINER       0.                 0.                0.                0.                0.                    0.
SOLVENT       0.                 0.                0.              113.                0.                  113.
VESSELS       0.                 0.                0.                0.                0.                    0.
RAILRD        5.                12.               13.                9.               14.                  374.
DIESEL        5.                10.               70.               14.               74.                  433.
OTHER         3.                 0.                8.                1.                0.                  321.
AS 25MPH     18.                11.             7304.              974.              517.                59335.
AS 45MPH      4.                 3.              885.              172.              156.                13414.
OTHER       147.                 0.              432.               35.               17.                17300.
ADDPOL

    1         0.                 0.                0.                0.                0.
    2         0.                 0.                0.                0.                0.
    3         0.                 0.                0.                0.                0.
    4         0.                 0.                0.                0.                0.
    5         0.                 0.                0.                0.                0.
    6         0.                 0.                0.                0.                0.
    7         0.                 0.                0.                0.                0.
    8         0.                 0.                0.                0.                0.
    9         0.                 0.                0.                0.                0.
   10         0.                 0.                0.                0.                0.
   11         0.                 0.                0.                0.                0.
   12         0.                 0.                0.                0.                0.
   13         0.                 0.                0.                0.                0.
   14         0.                 0.                0.                0.                0.
   15         0.                 0.                0.                0.                0.
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NOT REPRODUCIBLE

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SOURCE NUMBER    5 REGION NUMBER 004POLITICAL JURISDICTION  5 COUNTY NAME GREENE   COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES     |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FUEL TOTAL    |
          |   ACTUAL | EXPECTED |   ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                1.                 1.                 0.                0.                 27.
OIL             0.                1.                 0.                 0.                0.                 36.
NATL.GAS        1.                0.                 1.                 0.                2.                 60.
COMMEIND
COAL            1.                2.                 3.                 1.                0.                112.
RES.OIL         0.                2.                 0.                 0.                0.                 14.
DIST.OIL        0.                3.                 0.                 0.                2.                 57.
NATL.GAS        0.                0.                 0.                 0.                2.                 48.
NON-PT
COAL           32.               28.                 1.                 1.               11.               1462.
RES.OIL         0.                5.                 0.                 0.                1.                 32.
DIST.OIL        0.                3.                 0.                 0.                1.                 39.
NATL.GAS        0.                0.                 0.                 0.                1.                 13.
WOOD            3.                0.                 4.                 1.               11.               1137.
OPEN BRN       92.                6.               489.               172.               34.              11500.
INCINER         0.                0.                 0.                 0.                0.                  0.
SOLVENT         0.                0.                 0.                78.                0.                 78.
VESSELS         0.                0.                 0.                 0.                0.                  0.
RAILRD          3.                8.                 9.                 6.                9.                245.
DIESEL          4.                7.                48.                10.               50.                294.
OTHER           7.                0.                21.                 2.                1.                835.
AS 25MPH       13.                8.              5267.               702.              371.              39900.
AS 45MPH        2.                1.               300.                58.               53.               4947.
OTHER          98.                0.               288.                23.               11.              11900.
 ADDPCL

   1            0.                0.                 0.                 0.                0.
   2            3.               18.                 8.                 6.                9.
   3            0.                0.                 0.                 0.                0.
   4            0.                0.                 0.                 0.                0.
   5            0.                0.                 0.                 0.                0.
   6            0.                0.                 0.                 0.                0.
   7            0.                0.                 0.                 0.                0.
   8            0.                0.                 0.                 0.                0.
   9            0.                0.                 0.                 0.                0.
  10            0.                0.                 0.                 0.                0.
  11            0.                0.                 0.                 0.                0.
  12            0.                0.                 0.                 0.                0.
  13            0.                0.                 0.                 0.                0.
  14            0.                0.                 0.                 0.                0.
  15            0.                0.                 0.                 0.                0.
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SOURCE NUMBER    6 REGION NUMBER 004POLITICAL JURISDICTION  6 COUNTY NAME HALE     COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES     |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FUEL TOTAL    |
          |   ACTUAL | EXPECTED |   ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                1.                 1.                 0.                0.                 48.
OIL             0.                1.                 0.                 0.                0.                 19.
NATL.GAS        1.                0.                 1.                 1.                5.                132.
COMMEIND
COAL            1.                3.                 4.                 1.                0.                165.
RES.OIL         0.                3.                 0.                 0.                1.                 21.
DIST.OIL        1.                5.                 0.                 0.                3.                 84.
NATL.GAS        1.                0.                 1.                 0.                3.                 69.
NON-PT
COAL           76.               65.                 3.                 2.               26.               3418.
RES.OIL         1.               11.                 0.                 0.                2.                 75.
DIST.OIL        1.                7.                 0.                 0.                3.                 91.
NATL.GAS        0.                0.                 0.                 1.                3.                 29.
WOOD            3.                0.                 4.                 1.               11.               1124.
OPEN BRN      136.                8.               721.               255.               51.              16970.
INCINER         0.                0.                 0.                 0.                0.                  0.
SOLVENT         0.                0.                 0.               234.                0.                234.
VESSELS         0.                0.                 0.                 0.                0.                  0.
RAILRD          5.               12.                13.                 9.               14.                365.
DIESEL          6.               10.                72.                14.               76.                445.
OTHER           8.                0.                24.                 2.                1.                949.
AS 25MPH       11.                7.              4518.               602.              320.              34230.
AS 45MPH       21.               13.              4156.               806.              731.              62976.
OTHER          82.                0.               243.                19.               10.               9700.
 ADDPCL

   1            0.                0.                 0.                 0.                0.
   2            3.               18.                 8.                 6.                9.
   3            0.                0.                 0.                 0.                0.
   4            0.                0.                 0.                 0.                0.
   5            0.                0.                 0.                 0.                0.
   6            0.                0.                 0.                 0.                0.
   7            0.                0.                 0.                 0.                0.
   8            0.                0.                 0.                 0.                0.
   9            0.                0.                 0.                 0.                0.
  10            0.                0.                 0.                 0.                0.
  11            0.                0.                 0.                 0.                0.
  12            0.                0.                 0.                 0.                0.
  13            0.                0.                 0.                 0.                0.
  14            0.                0.                 0.                 0.                0.
  15            0.                0.                 0.                 0.                0.
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SOURCE NUMBER: 7 REGION NUMBER: 4 POLITICAL JURISDICTION: 7 COUNTY NAME: JEFFERSON COORDINATES X 0.0 X 0.0 Area: 0

	PARTICULATES		SULFUR OXIDES		CARBON MONOXIDE		HYDROCARBONS		NITROUS OXIDES		FUEL TOTAL	
	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED
DOMESTIC												
COAL	79		427		562		135		56		22460	
OIL	2		73		6		4		15		2524	
NATL.GAS	133		4		148		59		555		14797	
COMM&IND												
COAL	274		556		741		174		89		30135	
RES. OIL	29		453		1		12		110		2791	
DIST. OIL	61		602		2		24		294		10203	
NATL.GAS	113		4		104		24		381		10358	
NON-PT	5113											
COAL			4460		247		124		1740		233864	
RES.OIL	62		744		0		0		128		5146	
DIST.OIL	58		430		0		0		185		5767	
NATL.GAS	4		0		0		58		186		2045	
WOOD	66		0		69		27		217		21667	
OPEN BRN	2618		164		13906		4908		982		321210	
INCINER	0		0		0		0		0		0	
SOLVENT	0		0		0		4170		0		4170	
VESSELS	0		0		0		0		0		0	
RAILRD	184		480		517		369		553		14758	
DIESEL	369		664		4798		960		5020		29527	
OTHER	0		0		31		0		0		746	
AS 25 MPH	0		0		0		0		0		0	
AS 45 MPH	0		0		0		0		0		0	
OTHER	427		0		1255		100		50		50200	
ADDPOL												
1	873		517		316138		49235		25655		-	
2	0											
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

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SOURCE NUMBER     7 REGION NUMBER 004POLITICAL JURISDICTION  8 COUNTY NAME LAMAR    COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  3.                  4.                  1.         [illegible]                146.
OIL             0.                  0.                  0.                  0.                  0.                  0.
NATL.GAS        2.                  0.                  2.                  1.                  4.                241.
COMMLIND
COAL            1.                  3.                  4.                  1.         [illegible]                159.
RES.OIL         0.                  3.                  0.                  0.                  1.                 20.
DIST.OIL        1.                  5.                  0.                  0.                  2.                 81.
NATL.GAS        1.                  0.                  1.                  1.                  5.                133.
NON-PT
COAL          194.                167.                  9.                  4.                 66.               8793.
RES.OIL         2.                 28.                  0.                  0.                                    192.
DIST.OIL        2.                 17.                  0.                  0.                                    233.
NATL.GAS        1.                  0.                  0.                  2.         [illegible]                 76.
WOOD            8.                  0.                  9.                  3.                 27.               2691.
OPEN BRN       98.                  6.                521.                184.                 57.              12270.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                 84.                  0.                 84.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          4.                 11.                 12.                  8.                 12.                330.
DIESEL          6.                 11.                 80.                 16.                 83.                491.
OTHER           3.                  0.                 10.                  1.                  0.                401.
AS 25MPH        0.                  0.                  0.                  0.                  0.                  0.
AS 45MPH       50.                 30.              10008.               1941.               1759.             151843.
OTHER         150.                  0.                442.                 35.                 18.              17700.
ADDPOL

    1           0.                  0.                  0.                  0.                  0.
    2           0.                  0.                  0.                  0.                  0.
    3           0.                  0.                  0.                  0.                  0.
    4           0.                  0.                  0.                  0.                  0.
    5           0.                  0.                  0.                  0.                  0.
    6           0.                  0.                  0.                  0.                  0.
    7           0.                  0.                  0.                  0.                  0.
    8           0.                  0.                  0.                  0.                  0.
    9           0.                  0.                  0.                  0.                  0.
   10           0.                  0.                  0.                  0.                  0.
   11           0.                  0.                  0.                  0.                  0.
   12           0.                  0.                  0.                  0.                  0.
   13           0.                  0.                  0.                  0.                  0.
   14           0.                  0.                  0.                  0.                  0.
   15           0.                  0.                  0.                  0.                  0.
```

```
SOURCE NUMBER     8 REGION NUMBER 004POLITICAL JURISDICTION  9 COUNTY NAME PICKENS  COORDINATES  X   0.0 Y    0.0 AREA   0.0
        |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  1.                  2.                  0.                  0.                 77.
OIL             0.                  2.                  0.                  0.                  0.                 73.
NATL.GAS        2.                  0.                  2.                  1.                  3.                208.
COMMLIND
COAL            2.                  4.                  5.                  1.                  2.                166.
RES.OIL         0.                  4.                  0.                  0.                  1.                 24.
DIST.OIL        1.                  6.                  0.                  0.                  3.                 95.
NATL.GAS        1.                  0.                  1.                  1.                  6.                149.
NON-PT
COAL          173.                148.                  8.                  4.                 57.               7815.
RES.OIL         2.                 25.                  0.                  0.                  5.                173.
DIST.OIL        2.                 15.                  0.                  0.                  6.                207.
NATL.GAS        1.                  0.                  0.                  1.                  0.                 67.
WOOD            8.                  0.                  8.                  3.                 25.               2565.
OPEN BRN      152.                  9.                807.                285.                 57.              18980.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                176.                  0.                176.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          6.                 15.                 16.                 12.                 18.                468.
DIESEL         10.                 18.                130.                 26.                136.                802.
OTHER           6.                  0.                 18.                  1.                  1.                712.
AS 25MPH       18.                 11.               7263.                968.                514.              55020.
AS 45MPH       43.                 26.               8508.               1650.               1495.             128908.
OTHER         143.                  0.                420.                 34.                 17.              16800.
ADDPOL

    1           0.                  0.                  0.                  0.                  0.
    2           0.                  0.                  0.                  0.                  0.
    3           0.                  0.                  0.                  0.                  0.
    4           0.                  0.                  0.                  0.                  0.
    5           0.                  0.                  0.                  0.                  0.
    6           0.                  0.                  0.                  0.                  0.
    7           0.                  0.                  0.                  0.                  0.
    8           0.                  0.                  0.                  0.                  0.
    9           0.                  0.                  0.                  0.                  0.
   10           0.                  0.                  0.                  0.                  0.
   11           0.                  0.                  0.                  0.                  0.
   12           0.                  0.                  0.                  0.                  0.
   13           0.                  0.                  0.                  0.                  0.
   14           0.                  0.                  0.                  0.                  0.
   15           0.                  0.                  0.                  0.                  0.
```

```
SOURCE NUMBER    9 REGION NUMBER 004POLITICAL JURISDICTION 10 COUNTY NAME ST CLAIR COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |   HYDROCARBONS   |  NITROUS OXIDES  |    FUEL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           1.                 6.                 8.                 2.                 1.               340.
OIL            1.                 3.                 0.                 0.                 1.               109.
NATL.GAS       2.                 0.                 2.                 1.                 8.               203.
COMMEIND
COAL           2.                 4.                 6.                 1.                 1.               220.
RES.OIL        0.                 4.                 0.                 0.                 1.                28.
DIST.OIL       1.                 7.                 0.                 0.                 3.               113.
NATL.GAS       1.                 0.                 1.                 0.                 4.                96.
NON-PT
COAL         108.                93.                 5.                 2.                17.              4880.
RES.OIL        1.                16.                 0.                 0.                 3.               106.
DIST.OIL       1.                 9.                 0.                 0.                 4.               129.
NATL.GAS       0.                 0.                 0.                 1.                 4.                42.
WOOD          11.                 0.                12.                 5.                17.              3702.
OPEN BRN     186.                12.               987.               348.                70.             23220.
INCINER        0.                 0.                 0.                 0.                 0.                 0.
SOLVENT        0.                 0.                 0.               162.                 0.               162.
VESSELS        0.                 0.                 0.                 0.                 0.                 0.
RAILRD         8.                21.                23.                16.                24.               643.
DIESEL        10.                18.               129.                26.               135.               794.
OTHER          3.                 6.                 9.                 1.                 0.               320.
AS 25MPH      15.                 9.              5835.               778.               413.             44205.
AS 45MPH      49.                30.              9888.              1918.              1730.            149824.
OTHER        208.                 0.               612.                49.                24.             24500.
ADDPOL

  1            0.                 0.                 0.                 0.                 0.
  2            3.                18.                 8.                 6.        [illegible]
  3            0.                 0.                 0.                 0.                 0.
  4            0.                 0.                 0.                 0.                 0.
  5            0.                 0.                 0.                 0.                 0.
  6            0.                 0.                 0.                 0.                 0.
  7            0.                 0.                 0.                 0.                 0.
  8            0.                 0.                 0.                 0.                 0.
  9            0.                 0.                 0.                 0.                 0.
 10            0.                 0.                 0.                 0.                 0.
 11            0.                 0.                 0.                 0.                 0.
 12            0.                 0.                 0.                 0.                 0.
 13            0.                 0.                 0.                 0.                 0.
 14            0.                 0.                 0.                 0.                 0.
 15            0.                 0.                 0.                 0.                 0.

                         -----------------------------------------------------------------------------------------

SOURCE NUMBER   10 REGION NUMBER 004POLITICAL JURISDICTION 11 COUNTY NAME SHELBY   COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |   HYDROCARBONS   |  NITROUS OXIDES  |    FUEL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           1.                 6.                 8.                 2.                 1.               334.
OIL            1.                 7.                 1.                 0.                 1.               236.
NATL.GAS      17.                 1.                18.                 7.                68.              1803.
COMMEIND
COAL           5.                11.                14.                 2.                 1.               553.
RES.OIL        1.                11.                 0.                 0.                 2.                71.
DIST.OIL       2.                17.                 0.                 0.                 8.               282.
NATL.GAS       6.                 0.                 6.                 2.                23.               606.
NON-PT
COAL         227.               195.                10.                 5.                77.             10266.
RES.OIL        3.                33.                 0.                 0.                 7.               224.
DIST.OIL       2.                20.                 0.                 0.                 8.               272.
NATL.GAS       1.                 0.                 0.                 2.                 9.                88.
WOOD          12.                 0.                13.                 5.                41.              4072.
OPEN BRN      79.                 5.               419.               148.                30.              9860.
INCINER        0.                 0.                 0.                 0.                 0.                 0.
SOLVENT        0.                 0.                 0.               273.                 0.               273.
VESSELS        0.                 0.                 0.                 0.                 0.                 0.
RAILRD        11.                28.                31.                22.                33.               875.
DIESEL        22.                39.               285.                57.               298.              1751.
OTHER          4.                 0.                12.                 1.                 0.               467.
AS 25MPH      11.                 7.              4297.               573.               304.             32550.
AS 45MPH     155.                94.             31091.              6030.              5464.            471070.
OTHER        152.                 0.               447.                36.                18.             17900.
ADDPOL

  1            0.                 0.                 0.                 0.                 0.
  2            3.                18.                 8.                 6.        [illegible]
  3            0.                 0.                 0.                 0.                 0.
  4            0.                 0.                 0.                 0.                 0.
  5            0.                 0.                 0.                 0.                 0.
  6            0.                 0.                 0.                 0.                 0.
  7            0.                 0.                 0.                 0.                 0.
  8            0.                 0.                 0.                 0.                 0.
  9            0.                 0.                 0.                 0.                 0.
 10            0.                 0.                 0.                 0.                 0.
 11            0.                 0.                 0.                 0.                 0.
 12            0.                 0.                 0.                 0.                 0.
 13            0.                 0.                 0.                 0.                 0.
 14            0.                 0.                 0.                 0.                 0.
 15            0.                 0.                 0.                 0.                 0.
```

```
SOURCE NUMBER   11 REGION NUMBER 004POLITICAL JURISDICTION 12 COUNTY NAME SUMTER   COORDINATES X   0.0 Y   0.6 AREA   0.0
        |   PARTICULATES    |  SULFUR OXIDES   | CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          0.                 1.                 1.                 0.                 0.                 29.
OIL           0.                 0.                 0.                 0.                 0.                  0.
NATL.GAS      1.                 0.                 1.                 0.                 4.                110.
COMMEIND
COAL          1.                 3.                 4.                 1.                 0.                162.
RES.OIL       0.                 5.                 0.                 0.                 1.                 29.
DIST.OIL      1.                 5.                 0.                 0.                 3.                 84.
NATL.GAS      1.                 0.                 1.                 0.                 3.                 76.
NON-PT
COAL         65.                56.                 3.                 1.                22.               2023.
RES.OIL       1.                 9.                 0.                 0.                 6.                 64.
DIST.OIL      1.                 6.                 0.                 0.                 7.                 77.
NATL.GAS      0.                 0.                 0.                 1.                 2.                 25.
WOOD          6.                 0.                 6.                 2.                22.               1953.
OPEN BRN    131.                 8.               655.               245.                49.              16350.
INCINER       0.                 0.                 0.                 0.                 0.                  0.
SOLVENT       0.                 0.                 0.               151.                 0.                151.
VESSELS       0.                 0.                 0.                 0.                 0.                  0.
RAILRD        5.                13.                14.                10.                15.                390.
DIESEL        9.                16.               114.                23.               120.                703.
OTHER         9.                 0.                26.                 2.                 1.               1023.
AS 25MPH     11.                 7.              4504.               601.               319.              34125.
AS 45MPH     47.                29.              9468.              1830.              1064.             143498.
OTHER       141.                 0.               415.                33.                17.              10400.
ADDPOL

   1          0.                 0.                 0.                 0.                 0.
   2          3.                18.                 8.                 6.                 5.
   3          0.                 0.                 0.                 0.                 0.
   4          0.                 0.                 0.                 0.                 0.
   5          0.                 0.                 0.                 0.                 0.
   6          0.                 0.                 0.                 0.                 0.
   7          0.                 0.                 0.                 0.                 0.
   8          0.                 0.                 0.                 0.                 0.
   9          0.                 0.                 0.                 0.                 0.
  10          0.                 0.                 0.                 0.                 0.
  11          0.                 0.                 0.                 0.                 0.
  12          0.                 0.                 0.                 0.                 0.
  13          0.                 0.                 0.                 0.                 0.
  14          0.                 0.                 0.                 0.                 0.
  15          0.                 0.                 0.                 0.                 0.
```

```
SOURCE NUMBER   12 REGION NUMBER 004POLITICAL JURISDICTION 13 COUNTY NAME TUSCALOO COORDINATES X   0.0 Y   0.0 AREA   0.0
        |   PARTICULATES    |  SULFUR OXIDES   | CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
        |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          1.                 7.                10.                 2.                 1.                387.
OIL           1.                 7.                 1.                 0.                 1.                236.
NATL.GAS     13.                 0.                13.                 5.                50.               1337.
COMMEIND
COAL         16.                36.                48.                11.                 5.               1461.
RES.OIL       3.                48.                 0.                 0.                 4.                301.
DIST.OIL      7.                59.                 0.                 1.                29.                966.
NATL.GAS     11.                 0.                11.                 4.                41.               1106.
NON-PT
COAL        800.               688.                36.                16.               272.              36219.
RES.OIL       9.               115.                 0.                 1.                64.                789.
DIST.OIL      7.                69.                 0.                 1.                29.                960.
NATL.GAS      3.                 0.                 0.                 6.                27.                312.
WOOD         17.                 0.                18.                 7.                36.               9615.
OPEN BRN    365.                23.              1937.               684.               137.              45580.
INCINER       0.                 0.                 0.                 0.                 0.                  0.
SOLVENT       0.                 0.                 0.               779.                 0.                779.
VESSELS       0.                 0.                 0.                 0.                 0.                  0.
RAILRD       33.                87.                93.                67.               100.               2669.
DIESEL       60.               104.               781.               156.               817.               4807.
OTHER         9.                 0.                28.                 2.                 1.               1114.
AS 25MPH    192.               116.             76840.             10245.              5443.             582126.
AS 45MPH     73.                44.             14673.              2846.              2574.             222349.
OTHER       269.                 0.               792.                63.                32.              31786.
ADDPOL

   1          0.                 0.                 0.                 0.                 0.
   2          6.                36.                16.                13.                18.
   3          0.                 0.                 0.                 0.                 0.
   4          0.                 0.                 0.                 0.                 0.
   5          0.                 0.                 0.                 0.                 0.
   6          0.                 0.                 0.                 0.                 0.
   7          0.                 0.                 0.                 0.                 0.
   8          0.                 0.                 0.                 0.                 0.
   9          0.                 0.                 0.                 0.                 0.
  10          0.                 0.                 0.                 0.                 0.
  11          0.                 0.                 0.                 0.                 0.
  12          0.                 0.                 0.                 0.                 0.
  13          0.                 0.                 0.                 0.                 0.
  14          0.                 0.                 0.                 0.                 0.
  15          0.                 0.                 0.                 0.                 0.
```

```
SOURCE NUMBER   13 REGION NUMBER 004POLITICAL JURISDICTION 14 COUNTY NAME WALKER   COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |   PARTICULATES     |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     | NITROUS OXIDES  |    FUEL TOTAL    |
         | ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           5.                 25.                33.                 8.                  3.                1327.
OIL            2.                 10.                 1.                 1.                  2.                 363.
NATL.GAS       5.                  0.                 5.                 2.                 20.                 532.
COMMCIND
COAL           6.                 13.                17.                 4.                  2.                 683.
RES.OIL        1.                 14.                 0.                 0.                  3.                  88.
DIST.OIL       3.                 21.                 0.                 1.                 10.                 349.
NATL.GAS       4.                  0.                 5.                 2.                 17.                 461.
NON-PT
COAL         238.                204.                11.                 5.                 81.               10756.
RES.OIL        3.                 34.                 0.                 0.                  7.                 234.
DIST.OIL       2.                 21.                 0.                 0.                  9.                 265.
NATL.GAS       1.                  0.                 0.                 2.                  8.                  92.
WOOD          10.                  0.                10.                 4.                 32.                3190.
OPEN BRN     344.                 21.              1826.               644.                124.               42960.
INCINER        0.                  0.                 0.                 0.                  0.                   0.
SOLVENT        0.                  0.                 0.               454.                  0.                 454.
VESSELS        0.                  0.                 0.                 0.                  0.                   0.
RAILRD        16.                 42.                45.                32.                 49.                1244.
DIESEL        31.                 56.               403.                81.                421.                2478.
OTHER          2.                  0.                 5.                 0.                  0.                 206.
AS 25MPH      71.                 43.             28510.              3801.               2019.              215985.
AS 45MPH      99.                 60.             19732.              3827.               3468.              298966.
OTHER        325.                  0.               955.                76.                 38.               38206.
ADDPLL

   1           0.                  0.                 0.                 0.                  0.
   2           0.                  0.                 0.                 0.                  0.
   3           0.                  0.                 0.                 0.                  0.
   4           0.                  0.                 0.                 0.                  0.
   5           0.                  0.                 0.                 0.                  0.
   6           0.                  0.                 0.                 0.                  0.
   7           0.                  0.                 0.                 0.                  0.
   8           0.                  0.                 0.                 0.                  0.
   9           0.                  0.                 0.                 0.                  0.
  10           0.                  0.                 0.                 0.                  0.
  11           0.                  0.                 0.                 0.                  0.
  12           0.                  0.                 0.                 0.                  0.
  13           0.                  0.                 0.                 0.                  0.
  14           0.                  0.                 0.                 0.                  0.
  15           0.                  0.                 0.                 0.                  0.
```

```
SOURCE NUMBER    1 REGION NUMBER 00SPOLITICAL JURISDICTION  1 COUNTY NAME BALDWIN  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FULL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           0.                 0.                 0.                0.                0.                   5.
OIL            1.                 6.                 1.                0.                1.                 210.
NATL.GAS       8.                 0.                 9.                3.               32.                 866.
COMM&IND
COAL          10.                23.                31.                7.                3.                1222.
RES.OIL        2.                25.                 0.                0.                5.                 157.
DIST.OIL       3.                25.                 0.                1.               11.                 421.
NATL.GAS       3.                 0.                 3.                1.               13.                 334.
NON-PT
COAL         111.                95.                 5.                3.               39.                5013.
RES.OIL        1.                16.                 0.                0.                3.                 110.
DIST.OIL       1.                 9.                 0.                0.                4.                 124.
NATL.GAS       0.                 3.                 0.                1.                4.                  43.
WOOD          17.                 0.                18.                7.               95.                5485.
OPEN BRN     339.                21.              1799.              635.              127.               42340.
INCINER        0.                 0.                 0.                0.                0.                   0.
SOLVENT        0.                 0.                 0.              440.                0.                 440.
VESSELS        0.                 0.                 0.                0.                0.                   0.
RAILRD        17.                44.                47.               34.               53.                1342.
DIESEL        53.                95.               685.              137.              716.                4214.
OTHER          8.                 0.                22.                2.                1.                 883.
AS 25MPH      69.                42.             21737.             3578.             2059.              208005.
AS 45MPH     129.                78.             25856.             5014.             4544.              391755.
OTHER        464.                 0.              1365.              109.               55.               94600.
ADDPOL

   1           0.                 0.                 0.                0.                0.
   2          13.                72.                33.               25.               17.
   3           0.                 0.                 0.                0.                0.
   4           0.                 0.                 0.                0.                0.
   5           0.                 0.                 0.                0.                0.
   6           0.                 0.                 0.                0.                0.
   7           0.                 0.                 0.                0.                0.
   8           0.                 0.                 0.                0.                0.
   9           0.                 0.                 0.                0.                0.
  10           0.                 0.                 0.                0.                0.
  11           0.                 0.                 0.                0.                0.
  12           0.                 0.                 0.                0.                0.
  13           0.                 0.                 0.                0.                0.
  14           0.                 0.                 0.                0.                0.
  15           0.                 0.                 0.                0.                0.
```

```
SOURCE NUMBER    2 REGION NUMBER 00SPOLITICAL JURISDICTION  2 COUNTY NAME ESCAMBIA COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FULL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           0.                 0.                 0.                0.                0.                   6.
OIL            0.                 3.                 0.                0.                1.                  91.
NATL.GAS       5.                 0.                 6.                2.               21.                 554.
COMM&IND
COAL           7.                15.                20.                5.                2.                 813.
RES.OIL        1.                11.                 0.                0.                2.                  69.
DIST.OIL       2.                17.                 0.                0.                8.                 274.
NATL.GAS       2.                 0.                 2.                1.                7.                 232.
NON-PT
COAL         133.               114.                 6.                3.               45.                6014.
RES.OIL        2.                19.                 0.                0.                4.                 132.
DIST.OIL       1.                11.                 0.                0.                4.                 149.
NATL.GAS       0.                 0.                 0.                1.                5.                  52.
WOOD           5.                 0.                 5.                2.               15.                1508.
OPEN BRN     258.                16.              1371.              484.               97.               32270.
INCINER        0.                 0.                 0.                0.                0.                   0.
SOLVENT        0.                 0.                 0.              195.                0.                 195.
VESSELS        0.                 0.                 0.                0.                0.                   0.
RAILRD        10.                26.                28.               20.               30.                 789.
DIESEL        16.                29.               213.               43.              223.                1310.
OTHER          9.                 0.                27.                2.                1.                1062.
AS 25MPH      43.                26.             13907.             2223.             1280.              129255.
AS 45MPH      19.                12.              3832.              743.              674.               38005.
OTHER        253.                 0.               745.               60.               30.               29800.
ADDPOL

   1           0.                 0.                 0.                0.                0.
   2           0.                 0.                 0.                0.                0.
   3           0.                 0.                 0.                0.                0.
   4           0.                 0.                 0.                0.                0.
   5           0.                 0.                 0.                0.                0.
   6           0.                 0.                 0.                0.                0.
   7           0.                 0.                 0.                0.                0.
   8           0.                 0.                 0.                0.                0.
   9           0.                 0.                 0.                0.                0.
  10           0.                 0.                 0.                0.                0.
  11           0.                 0.                 0.                0.                0.
  12           0.                 0.                 0.                0.                0.
  13           0.                 0.                 0.                0.                0.
  14           0.                 0.                 0.                0.                0.
  15           0.                 0.                 0.                0.                0.
```

AREA SOURCES

SOURCE NUMBER: 3 REGION NUMBER: 5 POLITICAL JURISDICTION: 3 COUNTY NAME: Mobile COORDINATES X 0.0 Y 0.0 AREA: 0.0

	PARTICULATES		SULFUR OXIDES		CARBON MONOXIDE		HYDROCARBONS		NITROUS OXIDES		FUEL TOTAL	
	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED	ACTUAL	EXPECTED
DOMESTIC												
COAL	20		114		150		36		15		6002	
OIL	5		28		2		1		6		962	
NATL. GAS	73		2		78		31		289		7708	
COMM & IND												
COAL	123		247		305		72		33		12902	
RES. OIL	23		268		0		5		65		2016	
DIST. OIL	34		301		0		8		129		4142	
NATL. GAS	49		1		48		20		183		4752	
NON-PT												
COAL	1669		1437		76		39		570		75695	
RES. OIL	16		236		0		1		46		1659	
DIST. OIL	13		131		0		1		52		1876	
NATL. GAS	2		0		0		13		53		656	
WOOD	60		0		63		24		197		19681	
OPEN BRN	1460		91		7756		2738		548		182500	
INCINER	0		0		0		0		0		0	
SOLVENT	0		0		0		2475		0		2475	
VESSELS	138		1767		173		117		6530		-	
RAILRD	90		236		254		182		272		7260	
DIESEL	189		341		2461		492		2575		15149	
OTHER	12		0		37		3		2		1450	
AS 25 MPH	0		0		0		0		0		0	
AS 45 MPH	0		0		0		0		0		0	
OTHER	875		0		2572		206		103		102900	
ADDPOL												
1	455		277		133605		23163		13753			
2	0		0		0		0		0			
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	0		0		0		0		0			
15												

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SOURCE NUMBER    1 REGION NUMBER 00&POLITICAL JURISDICTION  1 COUNTY NAME BARBOUR  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |     HYDROCARBONS     |  NITROUS OXIDES  |     FUEL TOTAL     |
         | ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          0.                  1.                  1.                  0.                  0.                  35.
OIL           1.                  4.                  0.                  0.                  1.                 127.
NATL.GAS      2.                  0.                  2.                  1.                  6.                 172.
COMMEIND
COAL          5.                 11.                 14.                  3.                  1.                 568.
RES.OIL       1.                 20.                  0.                  0.                  4.                 126.
DIST.OIL      2.                 12.                  0.                  0.                  6.                 205.
NATL.GAS      1.                  0.                  1.                  1.                  5.                 145.
NON-PT
COAL        140.                120.                  6.                  3.                 47.                6320.
RES.OIL       2.                 20.                  0.                  0.                  4.                 139.
DIST.OIL      1.                 11.                  0.                  0.                  5.                 156.
NATL.GAS      0.                  0.                  0.                  1.                  5.                  55.
WOOD          8.                  0.                  9.                  3.                 28.                2775.
OPEN BRN    154.                 10.                620.                209.                 58.               19300.
INCINER       0.                  0.                  0.                  0.                  0.                   0.
SOLVENT       0.                  0.                  0.                168.                  0.                 168.
VESSELS       0.                  0.                  0.                  0.                  0.                   0.
RAILRD        6.                 17.                 18.                 13.                 19.                 519.
DIESEL        9.                 16.                114.                 23.                119.                 699.
OTHER        10.                  0.                 30.                  2.                  1.                1215.
AS 25MPH     23.                 14.               7264.               1196.                680.               69510.
AS 45MPH      9.                  6.               1078.                364.                330.               20455.
OTHER       180.                  0.                530.                 42.                 21.               21300.
ADDPOL

    1         0.                  0.                  0.                  0.                  0.
    2         0.                  0.                  0.                  0.                  0.
    3         0.                  0.                  0.                  0.                  0.
    4         0.                  0.                  0.                  0.                  0.
    5         0.                  0.                  0.                  0.                  0.
    6         0.                  0.                  0.                  0.                  0.
    7         0.                  0.                  0.                  0.                  0.
    8         0.                  0.                  0.                  0.                  0.
    9         0.                  0.                  0.                  0.                  0.
   10         0.                  0.                  0.                  0.                  0.
   11         0.                  0.                  0.                  0.                  0.
   12         0.                  0.                  0.                  0.                  0.
   13         0.                  0.                  0.                  0.                  0.
   14         0.                  0.                  0.                  0.                  0.
   15         0.                  0.                  0.                  0.                  0.
---------------------------------------------------------------------------------------------------------------------------------

SOURCE NUMBER    2 REGION NUMBER 00&POLITICAL JURISDICTION  2 COUNTY NAME COFFEE   COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |     HYDROCARBONS     |  NITROUS OXIDES  |     FUEL TOTAL     |
         | ACTUAL | EXPECTED  |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          0.                  0.                  1.                  0.                  0.                  23.
OIL           2.                  9.                  1.                  0.                  2.                 309.
NATL.GAS      4.                  0.                  4.                  2.                 16.                 426.
COMMEIND
COAL          5.                 11.                 15.                  4.                  1.                 600.
RES.OIL       4.                 55.                  0.                  1.                 10.                 344.
DIST.OIL      2.                 15.                  0.                  0.                  8.                 254.
NATL.GAS      1.                  0.                  2.                  1.                  6.                 157.
NON-PT
COAL        247.                213.                 11.                  6.                 84.               11185.
RES.OIL       3.                 36.                  0.                  0.                  7.                 246.
DIST.OIL      2.                 26.                  0.                  0.                  8.                 276.
NATL.GAS      1.                  0.                  0.                  2.                  8.                  97.
WOOD         13.                  0.                 13.                  5.                 42.                4186.
OPEN BRN    202.                 13.               1071.                378.                 76.               25190.
INCINER       0.                  0.                  0.                  0.                  0.                   0.
SOLVENT       0.                  0.                  0.                210.                  0.                 210.
VESSELS       0.                  0.                  0.                  0.                  0.                   0.
RAILRD       16.                 26.                 28.                 20.                 30.                 802.
DIESEL       13.                 24.                172.                 34.                180.                1060.
OTHER         8.                  0.                 24.                  2.                  1.                 459.
AS 25MPH     38.                 23.              11894.               1958.               1127.              113820.
AS 45MPH     10.                  6.               1996.                387.                351.               30240.
OTHER       167.                  0.                490.                 39.                 20.               19600.
ADDPOL

    1         0.                  0.                  0.                  0.                  0.
    2         0.                  0.                  0.                  0.                  0.
    3         0.                  0.                  0.                  0.                  0.
    4         0.                  0.                  0.                  0.                  0.
    5         0.                  0.                  0.                  0.                  0.
    6         0.                  0.                  0.                  0.                  0.
    7         0.                  0.                  0.                  0.                  0.
    8         0.                  0.                  0.                  0.                  0.
    9         0.                  0.                  0.                  0.                  0.
   10         0.                  0.                  0.                  0.                  0.
   11         0.                  0.                  0.                  0.                  0.
   12         0.                  0.                  0.                  0.                  0.
   13         0.                  0.                  0.                  0.                  0.
   14         0.                  0.                  0.                  0.                  0.
   15         0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    3 REGION NUMBER 0GEOPOLITICAL JURISDICTION  3 COUNTY NAME COVINGTO COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FULL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  1.                  1.                  0.                  0.                 44.
OIL             2.                 14.                  1.                  1.                  3.                472.
NATL.GAS        5.                  0.                  3.                  2.                 19.                515.
COMM&IND
COAL            8.                 18.                 24.                  6.                  2.                968.
RES.OIL         1.                 15.                  0.                  0.                  3.                 97.
DIST.OIL        2.                 20.                  0.                  0.                 10.                329.
NATL.GAS        2.                  0.                  3.                  1.                  9.                252.
NON-PT
COAL          494.                425.                 22.                 11.                160.              22370.
RES.OIL         6.                 72.                  0.                  1.                 15.                491.
DIST.OIL        4.                 40.                  0.                  1.                 17.                552.
NATL.GAS        2.                  0.                  0.                  4.                 17.                194.
WOOD           13.                  0.                 13.                  3.                 41.               4123.
OPEN BRN      157.                 10.                832.                294.                 59.              19570.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                297.                  0.                297.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD         10.                 25.                 27.                 20.                 29.                784.
DIESEL         18.                 32.                228.                 46.                239.               1405.
OTHER          12.                  0.                 35.                  3.                  1.               1414.
AS 25MPH       56.                 34.              17808.               2931.               1687.             170415.
AS 45MPH       10.                  6.               1982.                384.                348.              30030.
OTHER         239.                  0.                703.                 96.                 28.              28108.
ADDPOL

   1            0.                  0.                  0.                  0.                  0.
   2            0.                  0.                  0.                  0.                  0.
   3            0.                  0.                  0.                  0.                  0.
   4            0.                  0.                  0.                  0.                  0.
   5            0.                  0.                  0.                  0.                  0.
   6            0.                  0.                  0.                  0.                  0.
   7            0.                  0.                  0.                  0.                  0.
   8            0.                  0.                  0.                  0.                  0.
   9            0.                  0.                  0.                  0.                  0.
  10            0.                  0.                  0.                  0.                  0.
  11            0.                  0.                  0.                  0.                  0.
  12            0.                  0.                  0.                  0.                  0.
  13            0.                  0.                  0.                  0.                  0.
  14            0.                  0.                  0.                  0.                  0.
  15            0.                  0.                  0.                  0.                  0.

SOURCE NUMBER    4 REGION NUMBER 0GEOPOLITICAL JURISDICTION  4 COUNTY NAME DALE     COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES    |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |    FULL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                  1.                  1.                  0.                  0.                 54.
OIL             3.                 17.                  1.                  1.                  4.                599.
NATL.GAS        4.                  0.                  5.                  2.                 17.                455.
COMM&IND
COAL            5.                 11.                 14.                  3.                  1.                563.
RES.OIL        31.                433.                  0.                  4.                 82.               2725.
DIST.OIL        5.                 46.                  0.                  1.                 20.                668.
NATL.GAS        1.                  0.                  1.                  1.                  5.                146.
NON-PT
COAL          183.                157.                  8.                  4.                 62.               8266.
RES.OIL         2.                 27.                  0.                  0.                  5.                181.
DIST.OIL        2.                 19.                  0.                  0.                  6.                204.
NATL.GAS        1.                  0.                  0.                  1.                  6.                 72.
WOOD            9.                  0.                 10.                  4.                 31.               3079.
OPEN BRN      339.                 21.               1800.                635.                127.              42350.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                222.                  0.                322.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD         15.                 40.                 43.                 30.                 46.               1218.
DIESEL         29.                 52.                378.                 74.                396.               2327.
OTHER           6.                  0.                 17.                  1.                  1.                663.
AS 25MPH       69.                 42.              21769.               3583.               2062.             208320.
AS 45MPH       18.                 11.               3639.                710.                643.              55440.
OTHER          65.                  0.                190.                 15.                  4.               7608.
ADDPOL

   1            0.                  0.                  0.                  0.                  0.
   2            0.                  0.                  0.                  0.                  0.
   3            0.                  0.                  0.                  0.                  0.
   4            0.                  0.                  0.                  0.                  0.
   5            0.                  0.                  0.                  0.                  0.
   6            0.                  0.                  0.                  0.                  0.
   7            0.                  0.                  0.                  0.                  0.
   8            0.                  0.                  0.                  0.                  0.
   9            0.                  0.                  0.                  0.                  0.
  10            0.                  0.                  0.                  0.                  0.
  11            0.                  0.                  0.                  0.                  0.
  12            0.                  0.                  0.                  0.                  0.
  13            0.                  0.                  0.                  0.                  0.
  14            0.                  0.                  0.                  0.                  0.
  15            0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    5 REGION NUMBER 006POLITICAL JURISDICTION  5 COUNTY NAME GENEVA   COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |   HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         | ACTUAL | EXPECTED | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL           0.                1.                1.                0.                0.               38.
OIL            2.               16.                1.                1.                2.              345.
NATL.GAS       2.                0.                2.                1.                7.              192.
COMM&IND
COAL           4.                8.               11.                3.                1.              441.
RES.OIL        1.               11.                0.                0.                2.               70.
DIST.OIL       1.                9.                0.                0.                5.              194.
NATL.GAS       1.                0.                1.                0.                4.              119.
NON-PT
COAL         183.              157.                8.                4.               62.             9260.
RES.OIL        2.               27.                0.                0.                5.              191.
DIST.OIL       2.               15.                0.                0.                6.              204.
NATL.GAS       1.                0.                0.                1.                6.               74.
WOOD          15.                0.               14.                6.               50.             4959.
OPEN BRN     126.                8.              667.              235.               47.            15700.
INCINER        0.                0.                0.                0.                0.                0.
SOLVENT        0.                0.                0.              179.                0.              179.
VESSELS        0.                0.                0.                0.                0.                0.
RAILRD         6.               16.               18.               13.               19.              504.
DIESEL         9.               17.              123.               25.              129.              758.
OTHER          9.                0.               27.                2.                1.             1080.
AS 25MPH      15.                9.             4597.              757.              436.            63995.
AS 45MPH      21.               13.             4179.              810.              734.            63315.
OTHER        127.                0.              375.               30.               15.            15000.
ADDPOL

    1          0.                0.                0.                0.                0.
    2          0.                0.                0.                0.                0.
    3          0.                0.                0.                0.                0.
    4          0.                0.                0.                0.                0.
    5          0.                0.                0.                0.                0.
    6          0.                0.                0.                0.                0.
    7          0.                0.                0.                0.                0.
    8          0.                0.                0.                0.                0.
    9          0.                0.                0.                0.                0.
   10          0.                0.                0.                0.                0.
   11          0.                0.                0.                0.                0.
   12          0.                0.                0.                0.                0.
   13          0.                0.                0.                0.                0.
   14          0.                0.                0.                0.                0.
   15          0.                0.                0.                0.                0.
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SOURCE NUMBER    6 REGION NUMBER 006POLITICAL JURISDICTION  6 COUNTY NAME HENRY    COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |   HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL    |
         | ACTUAL | EXPECTED | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL           0.                1.                1.                0.                0.               30.
OIL            0.                1.                0.                0.                0.               36.
NATL.GAS       1.                6.                1.                1.                5.              132.
COMM&IND
COAL           2.                5.                4.                1.                1.              250.
RES.OIL        0.                3.                0.                0.                1.               21.
DIST.OIL       1.                5.                0.                0.                3.               84.
NATL.GAS       1.                0.                1.                0.                2.               64.
NON-PT
COAL         107.               92.                5.                2.               36.             4854.
RES.OIL        1.               16.                0.                0.                3.              167.
DIST.OIL       1.                9.                0.                0.                4.              120.
NATL.GAS       0.                0.                0.                1.                4.               42.
WOOD           5.                0.                5.                2.               17.             1706.
OPEN BRN      99.                6.              524.              185.               37.            12340.
INCINER        0.                0.                0.                0.                0.                0.
SOLVENT        0.                0.                0.               39.                0.               39.
VESSELS        0.                0.                0.                0.                0.                0.
RAILRD         4.               10.               11.                8.               11.              305.
DIESEL         3.                5.               35.                7.               36.              214.
OTHER          6.                0.               17.                1.                1.              661.
AS 25MPH      10.                4.             3039.              500.              288.            29085.
AS 45MPH       1.                0.              184.               20.               18.             1975.
OTHER         85.                0.              298.               20.               10.            10000.
ADDPOL

    1          0.                0.                0.                0.                0.
    2          0.                0.                0.                0.                0.
    3          0.                0.                0.                0.                0.
    4          0.                0.                0.                0.                0.
    5          0.                0.                0.                0.                0.
    6          0.                0.                0.                0.                0.
    7          0.                0.                0.                0.                0.
    8          0.                0.                0.                0.                0.
    9          0.                0.                0.                0.                0.
   10          0.                0.                0.                0.                0.
   11          0.                0.                0.                0.                0.
   12          0.                0.                0.                0.                0.
   13          0.                0.                0.                0.                0.
   14          0.                0.                0.                0.                0.
   15          0.                0.                0.                0.                0.
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SOURCE NUMBER    7 REGION NUMBER 604POLITICAL JURISDICTION  7 COUNTY NAME HOUSTON  COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |     FUEL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            0.                 1.                  2.                 0.                 0.                 77.
OIL             7.                38.                  3.                 2.                 8.               1326.
NATL.GAS        7.                 6.                  8.                 3.                28.                752.
COMM&IND
COAL           21.                47.                 82.                15.                 6.               2489.
RES.OIL         3.                44.                  0.                 0.                 9.                289.
DIST.OIL        6.                92.                  0.                 1.                26.                852.
NATL.GAS        6.                 0.                  6.                 3.                24.                833.
AGR-PT
COAL          305.               314.                 17.                 8.               124.              16532.
RES.OIL         4.                53.                  0.                 1.                11.                363.
DIST.OIL        3.                29.                  0.                 1.                12.                408.
NATL.GAS        1.                 0.                  0.                 3.                13.                143.
WOOD           15.                 0.                 16.                 6.                49.               4034.
OPEN BRN      284.                18.               1908.               932.               106.              39446.
INCINER         0.                 0.                  0.                 0.                 0.                  0.
SOLVENT         0.                 0.                  0.               430.                 0.                430.
VESSELS         0.                 0.                  0.                 0.                 0.                  0.
RAILRD         16.                42.                 46.                33.                49.               1381.
DIESEL         31.                95.                397.                79.               415.               2442.
OTHER          12.                 0.                 35.                 3.                 1.               1396.
AS 25MPH       87.                53.              27530.              4531.              2608.             283445.
AS 45MPH       27.                17.               5489.              1064.               965.              83160.
OTHER          78.                 0.                230.                18.                 9.               9208.
ADDPOL

   1            0.                 0.                  0.                 0.                 0.
   2            0.                 0.                  0.                 0.                 0.
   3            0.                 0.                  0.                 0.                 0.
   4            0.                 0.                  0.                 0.                 0.
   5            0.                 0.                  0.                 0.                 0.
   6            0.                 0.                  0.                 0.                 0.
   7            0.                 0.                  0.                 0.                 0.
   8            0.                 0.                  0.                 0.                 0.
   9            0.                 0.                  0.                 0.                 0.
  10            0.                 0.                  0.                 0.                 0.
  11            0.                 0.                  0.                 0.                 0.
  12            0.                 0.                  0.                 0.                 0.
  13            0.                 0.                  0.                 0.                 0.
  14            0.                 0.                  0.                 0.                 0.
  15            0.                 0.                  0.                 0.                 0.
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SOURCE NUMBER    1 REGION NUMBER 607POLITICAL JURISDICTION  1 COUNTY NAME COLBERT  COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS     |  NITROUS OXIDES  |     FUEL TOTAL    |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            2.                11.                 14.                 3.                 1.                560.
OIL             3.                16.                  1.                 1.                 3.                545.
NATL.GAS        4.                 0.                  4.                 2.                16.                427.
COMM&IND
COAL           11.                25.                 33.                 8.                 3.               1318.
RES.OIL         1.                18.                  6.                 0.                 3.                111.
DIST.OIL        3.                27.                  0.                 1.                13.                442.
NATL.GAS        5.                 0.                  6.                 2.                22.                876.
AGR-PT
COAL          775.               667.                 35.                18.               263.              35081.
RES.OIL         9.               112.                  0.                 1.                23.                769.
DIST.OIL        6.                62.                  0.                 1.                26.                865.
NATL.GAS        3.                 0.                  0.                 6.                27.                304.
WOOD            3.                 0.                  3.                 1.                 9.                874.
OPEN BRN      258.                16.               1368.               483.                97.              32190.
INCINER         0.                 0.                  0.                 0.                 0.                  0.
SOLVENT         0.                 0.                  0.              1010.                 0.               1010.
VESSELS         0.                 0.                  0.                 0.                 0.                  0.
RAILRD         14.                37.                 40.                29.                43.               1142.
DIESEL         22.                40.                289.                58.               302.               1777.
OTHER           2.                 0.                  6.                 0.                 0.                242.
AS 25MPH       51.                31.              16152.              2658.              1530.             194568.
AS 45MPH       38.                23.               7692.              1492.              1352.             116530.
OTHER          92.                 0.                270.                22.                11.              18000.
ADDPOL

   1            0.                 0.                  0.                 0.                 0.
   2            3.                18.                  8.                 4.                 9.
   3            0.                 0.                  0.                 0.                 0.
   4            0.                 0.                  0.                 0.                 0.
   5            0.                 0.                  0.                 0.                 0.
   6            0.                 0.                  0.                 0.                 0.
   7            0.                 0.                  0.                 0.                 0.
   8            0.                 0.                  0.                 0.                 0.
   9            0.                 0.                  0.                 0.                 0.
  10            0.                 0.                  0.                 0.                 0.
  11            0.                 0.                  0.                 0.                 0.
  12            0.                 0.                  0.                 0.                 0.
  13            0.                 0.                  0.                 0.                 0.
  14            0.                 0.                  0.                 0.                 0.
  15            0.                 0.                  0.                 0.                 0.
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SOURCE NUMBER    2 REGION NUMBER 007POLITICAL JURISDICTION  2 COUNTY NAME CULLMAN  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |    HYDROCARBONS    |  NITROUS OXIDES |    FULL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          4.                   20.               27.                 0.                  3.                1073.
OIL           2.                   13.                1.                 1.                  3.                 494.
NATL.GAS      2.                    0.                2.                 1.                  0.                 208.
COMM&IND
COAL          8.                   18.               24.                 6.                  2.                 943.
RES.OIL       1.                   13.                0.                 0.                  2.                  80.
DIST.OIL      2.                   19.                0.                 0.                 10.                 318.
NATL.GAS      4.                    0.                4.                 2.                 16.                 436.
NON-PT
COAL        334.                  287.               15.                 8.                113.               19104.
RES.OIL       4.                   48.                0.                 0.                 10.                 331.
DIST.OIL      3.                   27.                0.                 1.                 11.                 372.
NATL.GAS      1.                    0.                0.                 3.                 11.                 131.
WOOD          6.                    0.                6.                 2.                 18.                1845.
OPEN BRN    313.                   20.             1661.               986.                117.               39090.
INCINER       0.                    0.                0.                 0.                  0.                   0.
SOLVENT       0.                    0.                0.               350.                  0.                 350.
VESSELS       0.                    0.                0.                 0.                  0.                   0.
RAILRD       15.                   39.               42.                30.                 45.                1206.
DIESEL       24.                   42.              306.                61.                320.                1882.
OTHER         2.                    0.                6.                 0.                  0.                 237.
AS 25MPH     57.                   34.            17984.              2960.               1704.              172095.
AS 45MPH     32.                   19.             6389.              1239.               1123.               96810.
OTHER       146.                    0.              430.                34.                 17.               17200.
ADDPOL
   1          0.                    0.                0.                 0.                  0.
   2          0.                    0.                0.                 0.                  0.
   3          0.                    0.                0.                 0.                  0.
   4          0.                    0.                0.                 0.                  0.
   5          0.                    0.                0.                 0.                  0.
   6          0.                    0.                0.                 0.                  0.
   7          0.                    0.                0.                 0.                  0.
   8          0.                    0.                0.                 0.                  0.
   9          0.                    0.                0.                 0.                  0.
  10          0.                    0.                0.                 0.                  0.
  11          0.                    0.                0.                 0.                  0.
  12          0.                    0.                0.                 0.                  0.
  13          0.                    0.                0.                 0.                  0.
  14          0.                    0.                0.                 0.                  0.
  15          0.                    0.                0.
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SOURCE NUMBER    3 REGION NUMBER 007POLITICAL JURISDICTION  3 COUNTY NAME DE KALB  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |    HYDROCARBONS    |  NITROUS OXIDES |    FULL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          3.                   14.               19.                 4.                  2.                 745.
OIL           1.                    4.                0.                 0.                  1.                 145.
NATL.GAS      1.                    0.                2.                 1.                  6.                 153.
COMM&IND
COAL          7.                   15.               26.                 5.                  2.                 784.
RES.OIL       1.                   11.                0.                 0.                  2.                  67.
DIST.OIL      2.                   14.                0.                 0.                  8.                 264.
NATL.GAS      3.                    0.                3.                 1.                 11.                 288.
NON-PT
COAL        248.                  213.               11.                 6.                 84.               11204.
RES.OIL       3.                   30.                0.                 0.                  7.                 246.
DIST.OIL      2.                   20.                0.                 0.                  8.                 276.
NATL.GAS      1.                    0.                0.                 2.                  8.                  97.
WOOD         17.                    0.               18.                 7.                 56.                5592.
OPEN BRN    272.                   17.             1447.               511.                102.               34050.
INCINER       0.                    0.                0.                 0.                  0.                   0.
SOLVENT       0.                    0.                0.               317.                  0.                 317.
VESSELS       0.                    0.                0.                 0.                  0.                   0.
RAILRD       12.                   31.               34.                24.                 36.                 966.
DIESEL       19.                   34.              246.                49.                257.                1512.
OTHER         5.                    0.               16.                 1.                  1.                 624.
AS 25MPH     21.                   13.             6770.              1114.                641.               64785.
AS 45MPH     30.                   30.             9972.              1934.               1733.              131095.
OTHER        64.                    0.              188.                15.                  7.                7900.
ADDPOL
   1          0.                    0.                0.                 0.                  0.
   2          0.                    0.                0.                 0.                  0.
   3          0.                    0.                0.                 0.                  0.
   4          0.                    0.                0.                 0.                  0.
   5          0.                    0.                0.                 0.                  0.
   6          0.                    0.                0.                 0.                  0.
   7          0.                    0.                0.                 0.                  0.
   8          0.                    0.                0.                 0.                  0.
   9          0.                    0.                0.                 0.                  0.
  10          0.                    0.                0.                 0.                  0.
  11          0.                    0.                0.                 0.                  0.
  12          0.                    0.                0.                 0.                  0.
  13          0.                    0.                0.                 0.                  0.
  14          0.                    0.                0.                 0.                  0.
  15          0.                    0.                0.
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SOURCE NUMBER    4 REGION NUMBER 007POLITICAL JURISDICTION  4 COUNTY NAME FRANKLIN COORDINATES  X   0.0 Y   0.0 AREA  0.0
          |   PARTICULATES    |  SULFUR OXIDES    |  CARBON MONOXIDE  |   HYDROCARBONS    |  NITROUS OXIDES   |    FUEL TOTAL     |
          | ACTUAL | EXPECTED | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL            1.                 8.                10.                 2.                 1.               402.
OIL             0.                 2.                 0.                 0.                 0.                73.
NATL.GAS        2.                 0.                 2.                 1.                 6.               170.
COMMEIND
COAL            4.                 9.                12.                 3.                 1.               479.
RES.OIL         0.                 7.                 0.                 0.                 1.                41.
DIST.OIL        1.                10.                 0.                 0.                 5.               161.
NATL.GAS        2.                 0.                 2.                 1.                 7.               190.
NON-PT
COAL          140.               120.                 4.                 3.                47.              6330.
RES.OIL         2.                20.                 0.                 0.                 4.               139.
DIST.OIL        1.                11.                 0.                 0.                 5.               156.
NATL.GAS        0.                 0.                 0.                 1.                 5.                55.
WOOD            2.                 6.                 2.                 1.                 7.               693.
OPEN BRN      165.                10.               475.               309.                62.             20590.
INCINER         0.                 0.                 0.                 0.                 0.                 0.
SOLVENT         0.                 0.                 0.               169.                 0.               169.
VESSELS         0.                 0.                 0.                 0.                 0.                 0.
RAILRD          7.                18.                19.                14.                21.               551.
DIESEL         11.                19.               139.                28.               145.               833.
OTHER           3.                 0.                10.                 1.                 0.               304.
AS 25MPH       13.                 8.              4202.               692.               398.             40215.
AS 45MPH       27.                10.              5392.              1046.               944.             81690.
OTHER         137.                 0.               401.                32.                16.             16100.
ADDPOL

   1            0.                 0.                 0.                 0.                 0.
   2            0.                 0.                 0.                 0.                 0.
   3            0.                 0.                 0.                 0.                 0.
   4            0.                 0.                 0.                 0.                 0.
   5            0.                 0.                 0.                 0.                 0.
   6            0.                 0.                 0.                 0.                 0.
   7            0.                 0.                 0.                 0.                 0.
   8            0.                 0.                 0.                 0.                 0.
   9            0.                 0.                 0.                 0.                 0.
  10            0.                 0.                 0.                 0.                 0.
  11            0.                 0.                 0.                 0.                 0.
  12            0.                 0.                 0.                 0.                 0.
  13            0.                 0.                 0.                 0.                 0.
  14            0.                 0.                 0.                 0.                 0.
  15            0.                 0.                 0.                 0.                 0.

SOURCE NUMBER    5 REGION NUMBER 007POLITICAL JURISDICTION  5 COUNTY NAME JACKSON  COORDINATES  X   0.0 Y   0.0 AREA  0.0
          |   PARTICULATES    |  SULFUR OXIDES    |  CARBON MONOXIDE  |   HYDROCARBONS    |  NITROUS OXIDES   |    FUEL TOTAL     |
          | ACTUAL | EXPECTED | ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL | EXPECTED| ACTUAL |EXPECTED|
DOMESTIC
COAL            2.                14.                18.                 4.                 2.               731.
OIL             2.                13.                 1.                 1.                 3.               454.
NATL.GAS        3.                 0.                 3.                 1.                12.               307.
COMMEIND
COAL            5.                10.                14.                 3.                 1.               945.
RES.OIL         1.                 9.                 0.                 0.                 2.                59.
DIST.OIL        1.                11.                 0.                 0.                 6.               186.
NATL.GAS        3.                 0.                 3.                 1.                10.               273.
NON-PT
COAL          312.               208.                14.                 7.               106.             14129.
RES.OIL         4.                45.                 0.                 0.                 9.               310.
DIST.OIL        3.                25.                 0.                 1.                10.               348.
NATL.GAS        1.                 0.                 0.                 2.                11.               122.
WOOD            7.                 0.                 7.                 3.                22.              2208.
OPEN BRN      266.                17.              1415.               499.               100.             33290.
INCINER         0.                 0.                 0.                 0.                 0.                 0.
SOLVENT         0.                 0.                 0.               259.                 0.               259.
VESSELS         0.                 0.                 0.                 0.                 0.                 0.
RAILRD         11.                29.                32.                23.                34.               902.
DIESEL         19.                34.               243.                49.               254.              1493.
OTHER           6.                 0.                16.                 1.                 1.               649.
AS 25MPH       45.                27.             14220.              2341.              1347.            136080.
AS 45MPH       25.                15.              5052.               980.               888.             76545.
OTHER         128.                 0.               378.                30.                15.             15100.
ADDPOL

   1            0.                 0.                 0.                 0.                 0.
   2            3.                18.                 6.                 6.                 9.
   3            0.                 0.                 0.                 0.                 0.
   4            0.                 0.                 0.                 0.                 0.
   5            0.                 0.                 0.                 0.                 0.
   6            0.                 0.                 0.                 0.                 0.
   7            0.                 0.                 0.                 0.                 0.
   8            0.                 0.                 0.                 0.                 0.
   9            0.                 0.                 0.                 0.                 0.
  10            0.                 0.                 0.                 0.                 0.
  11            0.                 0.                 0.                 0.                 0.
  12            0.                 0.                 0.                 0.                 0.
  13            0.                 0.                 0.                 0.                 0.
  14            0.                 0.                 0.                 0.                 0.
  15            0.                 0.                 0.                 0.                 0.
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SOURCE NUMBER    6 REGION NUMBER 007POLITICAL JURISDICTION  6 COUNTY NAME LAUDERDA COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES     |  CARBON MONOXIDE   |    HYDROCARBONS    |  NITROUS OXIDES    |   FUEL TOTAL   |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL |EXPECTED|
DOMESTIC
COAL            3.                 14.                 21.                  5.                  2.                830.
OIL             5.                 27.                  2.                  1.                  6.                844.
NATL.GAS        0.                  0.                  8.                  3.                 30.                811.
COMM&IND
COAL           14.                 32.                 43.                 10.                  4.               1702.
RES.OIL         2.                 27.                  0.                  0.                  5.                167.
DIST.OIL        4.                 35.                  6.                  1.                 17.                377.
NATL.GAS        7.                  0.                  7.                  3.                 27.                709.
NON-PT
COAL          215.                185.                 10.                  5.                 73.               9737.
RES.OIL         2.                 31.                  0.                  0.                  6.                213.
DIST.OIL        2.                 17.                  0.                  0.                  7.                240.
NATL.GAS        1.                  0.                  0.                  2.                  7.                 84.
WOOD            3.                  0.                  3.                  1.                 10.               1018.
OPEN BRN      291.                 18.               1547.                346.                109.              30410.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                346.                  0.                346.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD         20.                 51.                 55.                 39.                 59.               1567.
DIESEL         24.                 43.                312.                 62.                326.               1919.
OTHER           5.                  0.                 16.                  1.                  1.                631.
AS 25MPH       60.                 34.              18862.               3105.               1707.             100499.
AS 45MPH       31.                 19.               6133.               3109.               1074.              92929.
OTHER          62.                  0.                103.                 15.                  7.               7300.
ADDPCL
    1           0.                  0.                  0.                  0.                  0.
    2           8.                 34.                 10.                 13.                 18.
    3           0.                  0.                  0.                  0.                  0.
    4           0.                  0.                  0.                  0.                  0.
    5           0.                  0.                  0.                  0.                  0.
    6           0.                  0.                  0.                  0.                  0.
    7           0.                  0.                  0.                  0.                  0.
    8           0.                  0.                  0.                  0.                  0.
    9           0.                  0.                  0.                  0.                  0.
   10           0.                  0.                  0.                  0.                  0.
   11           0.                  0.                  0.                  0.                  0.
   12           0.                  0.                  0.                  0.                  0.
   13           0.                  0.                  0.                  0.                  0.
   14           0.                  0.                  0.                  0.                  0.
   15           0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    7 REGION NUMBER 007POLITICAL JURISDICTION  7 COUNTY NAME LAWRENCE COORDINATES  X   0.0 Y    0.0 AREA   0.0
          |    PARTICULATES    |  SULFUR OXIDES     |  CARBON MONOXIDE   |    HYDROCARBONS    |  NITROUS OXIDES    |   FUEL TOTAL   |
          |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED |  ACTUAL |EXPECTED|
DOMESTIC
COAL            2.                 16.                 13.                  3.                  1.                303.
OIL             1.                  3.                  0.                  0.                  1.                109.
NATL.GAS        0.                  0.                  0.                  0.                  1.                 42.
COMM&IND
COAL            2.                  4.                  6.                  1.                  1.                234.
RES.OIL         0.                  3.                  0.                  0.                  1.                 20.
DIST.OIL        1.                  5.                  0.                  0.                  2.                 79.
NATL.GAS        1.                  0.                  1.                  0.                  2.                 61.
NON-PT
COAL           97.                 83.                  4.                  2.                 33.               4381.
RES.OIL         1.                 14.                  0.                  0.                  3.                 96.
DIST.OIL        1.                  8.                  0.                  0.                  3.                108.
NATL.GAS        0.                  0.                  0.                  1.                  3.                 38.
WOOD            5.                  0.                  6.                  2.                 18.               1782.
OPEN BRN      176.                 11.                934.                330.                 66.              21970.
INCINER         0.                  0.                  0.                  0.                  0.                  0.
SOLVENT         0.                  0.                  0.                118.                  0.                118.
VESSELS         0.                  0.                  0.                  0.                  0.                  0.
RAILRD          1.                  3.                  3.                  2.                  4.                100.
DIESEL          7.                 12.                 65.                 17.                 69.                525.
OTHER           4.                  0.                 13.                  1.                  1.                302.
AS 25MPH        0.                  0.                  0.                  0.                  0.                  0.
AS 45MPH       25.                 15.               4934.                957.                807.              74760.
OTHER          69.                  0.                263.                 16.                  8.               8100.
ADDPCL
    1           0.                  0.                  0.                  0.                  0.
    2           3.                 18.                  8.                  6.                  9.
    3           0.                  0.                  0.                  0.                  0.
    4           0.                  0.                  0.                  0.                  0.
    5           0.                  0.                  0.                  0.                  0.
    6           0.                  0.                  0.                  0.                  0.
    7           0.                  0.                  0.                  0.                  0.
    8           0.                  0.                  0.                  0.                  0.
    9           0.                  0.                  0.                  0.                  3.
   10           0.                  0.                  0.                  0.                  0.
   11           0.                  0.                  0.                  0.                  0.
   12           0.                  0.                  0.                  0.                  0.
   13           0.                  0.                  0.                  0.                  0.
   14           0.                  0.                  0.                  0.                  0.
   15           0.                  0.                  0.                  0.                  0.
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SOURCE NUMBER    8 REGION NUMBER 007POLITICAL JURISDICTION  8 COUNTY NAME LIMESTON COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            2.                 11.                14.                 3.                 1.               573.
OIL             1.                  8.                 1.                 0.                 2.               291.
NATL.GAS        1.                  0.                 1.                 0.                 4.               104.
COMMCIND
COAL            5.                 11.                14.                 3.                 1.               578.
RES.OIL         1.                 11.                 0.                 0.                 2.                71.
DIST.OIL        1.                 12.                 0.                 0.                 6.               199.
NATL.GAS        2.                  0.                 3.                 1.                 9.               252.
NON-PT
COAL           75.                 65.                 3.                 2.                26.              3408.
RES.OIL         1.                 11.                 0.                 0.                 2.                75.
DIST.OIL        1.                  6.                 0.                 0.                 3.                84.
NATL.GAS        0.                  0.                 0.                 1.                 3.                29.
WOOD            3.                  0.                 3.                 1.                11.              1091.
OPEN BRN      215.                 13.              1145.               404.                81.             26930.
INCINER         0.                  0.                 0.                 0.                 0.                 0.
SOLVENT         0.                  0.                 0.               300.                 0.               308.
VESSELS         0.                  0.                 0.                 0.                 0.                 0.
RAILRD         12.                 33.                34.                24.                36.               959.
DIESEL         18.                 33.               240.                48.               251.              1478.
OTHER           4.                  0.                13.                 1.                 1.               526.
AS 25MPH       42.                 25.             13211.              2174.              1252.            128420.
AS 45MPH       28.                 17.              5565.              1079.               978.             84319.
OTHER          59.                  0.               175.                14.                 7.              7000.
ADDPOL

   1            0.                  0.                 0.                 0.                 0.
   2            3.                 18.                 8.                 6.                 9.
   3            0.                  0.                 0.                 0.                 0.
   4            0.                  0.                 0.                 0.                 0.
   5            0.                  0.                 0.                 0.                 0.
   6            0.                  0.                 0.                 0.                 0.
   7            0.                  0.                 0.                 0.                 0.
   8            0.                  0.                 0.                 0.                 0.
   9            0.                  0.                 0.                 0.                 0.
  10            0.                  0.                 0.                 0.                 0.
  11            0.                  0.                 0.                 0.                 0.
  12            0.                  0.                 0.                 0.                 0.
  13            0.                  0.                 0.                 0.                 0.
  14            0.                  0.                 0.                 0.                 0.
  15            0.                  0.                 0.                 0.                 0.
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SOURCE NUMBER    9 REGION NUMBER 007POLITICAL JURISDICTION  9 COUNTY NAME MADISON  COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    |  NITROUS OXIDES  |    FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL           16.                 88.               115.                28.                12.              4618.
OIL             9.                 50.                 4.                 3.                10.              1743.
NATL.GAS       21.                  1.                22.                 9.                81.              2165.
COMMCIND
COAL           46.                162.               135.                32.                13.              5385.
RES.OIL        34.                468.                 0.                 4.                88.              2942.
DIST.OIL       17.                137.                 0.                 3.                64.              2257.
NATL.GAS       18.                  1.                19.                 8.                71.              1902.
NON-PT
COAL         1050.                902.                47.                24.               356.             47490.
RES.OIL        12.                152.                 0.                 2.                31.              1041.
DIST.OIL        9.                 84.                 0.                 2.                35.              1170.
NATL.GAS        4.                  0.                 0.                 8.                36.               411.
WOOD           24.                  0.                25.                10.                79.              7870.
OPEN BRN      256.                 16.              1362.               481.                96.             32050.
INCINER         0.                  0.                 0.                 0.                 0.                 0.
SOLVENT         0.                  0.                 0.              1088.                 0.              1088.
VESSELS         0.                  0.                 0.                 0.                 0.                 0.
RAILRD         54.                139.               150.               107.               161.              4290.
DIESEL         88.                159.              1148.               230.              1201.              7064.
OTHER           4.                  0.                13.                 1.                 1.               520.
AS 25MPH      259.                157.             81986.             13494.              7767.            784560.
AS 45MPH       53.                 32.             10603.              2056.              1804.            160650.
OTHER          54.                  0.               158.                13.                 8.              6300.
ADDPOL

   1            0.                  0.                 0.                 0.                 0.
   2            2.                 11.                 5.                 4.                 6.
   3            0.                  0.                 0.                 0.                 0.
   4            0.                  0.                 0.                 0.                 0.
   5            0.                  0.                 0.                 0.                 0.
   6            0.                  0.                 0.                 0.                 0.
   7            0.                  0.                 0.                 0.                 0.
   8            0.                  0.                 0.                 0.                 0.
   9            0.                  0.                 0.                 0.                 0.
  10            0.                  0.                 0.                 0.                 0.
  11            0.                  0.                 0.                 0.                 0.
  12            0.                  0.                 0.                 0.                 0.
  13            0.                  0.                 0.                 0.                 0.
  14            0.                  0.                 0.                 0.                 0.
  15            0.                  0.                 0.                 0.                 0.
```

```
SOURCE NUMBER   10 REGION NUMBER 007POLITICAL JURISDICTION 10 COUNTY NAME MARION   COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES     |  SULPUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    | NITROUS OXIDES  |     FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          7.                  16.                 13.                  3.                  1.                 829.
OIL           0.                   1.                  0.                  0.                  0.                  36.
NATL.GAS      4.                   0.                  4.                  2.                 14.                 304.
COMMEIND
COAL          3.                   7.                  9.                  2.                  1.                 354.
RES.OIL       0.                   5.                  0.                  0.                  1.                  30.
DIST.OIL      1.                   7.                  0.                  0.                  4.                 119.
NATL.GAS      1.                   0.                  1.                  0.                  4.                 119.
NON-PT
COAL        409.                 392.                 19.                  9.                139.               10510.
RES.OIL       5.                  59.                  0.                  1.                 12.                 404.
DIST.OIL      3.                  33.                  0.                  1.                 14.                 456.
NATL.GAS      1.                   0.                  0.                  3.                 14.                 160.
WOOD          2.                   0.                  1.                  1.                  7.                 748.
OPEN BRN    141.                  10.                436.                302.                 40.               20150.
INCINER       0.                   0.                  0.                  0.                  0.                   0.
SOLVENT       0.                   0.                  0.                245.                  0.                 245.
VESSELS       0.                   0.                  0.                  0.                  0.                   0.
RAILRD        7.                  18.                 19.                 14.                 21.                 547.
DIESEL       10.                  18.                131.                 26.                137.                 806.
OTHER         9.                   6.                 12.                  1.                  0.                 463.
AS 25MPH     10.                   8.               3248.                539.                308.               31080.
AS 45MPH     28.                  17.               9537.               1074.                973.               83893.
OTHER       189.                   0.                995.                 64.                 22.               22200.
ADDPOL
   1          0.                   0.                  0.                  0.                  0.
   2          0.                   0.                  0.                  0.                  0.
   3          0.                   0.                  0.                  0.                  0.
   4          0.                   0.                  0.                  0.                  0.
   5          0.                   0.                  0.                  0.                  0.
   6          0.                   0.                  0.                  0.                  0.
   7          0.                   0.                  0.                  0.                  0.
   8          0.                   0.                  0.                  0.                  0.
   9          0.                   0.                  0.                  0.                  0.
  10          0.                   0.                  0.                  0.                  0.
  11          0.                   0.                  0.                  0.                  0.
  12          0.                   0.                  0.                  0.                  0.
  13          0.                   0.                  0.                  0.                  0.
  14          0.                   0.                  0.                  0.                  0.
  15          0.                   0.                  0.                  0.                  0.
```

```
SOURCE NUMBER   11 REGION NUMBER 007POLITICAL JURISDICTION 11 COUNTY NAME MARSHALL COORDINATES  X   0.0 Y    0.0 AREA   0.0
         |    PARTICULATES     |  SULPUR OXIDES   |  CARBON MONOXIDE  |    HYDROCARBONS    | NITROUS OXIDES  |     FUEL TOTAL     |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL          2.                  16.                 13.                  3.                  1.                 529.
OIL           2.                   9.                  1.                  0.                  2.                 369.
NATL.GAS      4.                   0.                  4.                  2.                 15.                 406.
COMMEIND
COAL         14.                  31.                 41.                 10.                  4.                1648.
RES.OIL       2.                  24.                  0.                  0.                  5.                 151.
DIST.OIL      4.                  34.                  0.                  1.                 17.                 557.
NATL.GAS      5.                   0.                  4.                  2.                 22.                 574.
NON-PT
COAL        395.                 305.                 18.                  8.                121.               16078.
RES.OIL       4.                  52.                  0.                  1.                 11.                 352.
DIST.OIL      3.                  29.                  0.                  1.                 12.                 396.
NATL.GAS      1.                   0.                  0.                  3.                 12.                 139.
WOOD         16.                   0.                 17.                  7.                 53.                9302.
OPEN BRN    294.                  18.               1381.                551.                110.               36720.
INCINER       0.                   0.                  0.                  0.                  0.                   0.
SOLVENT       0.                   0.                  0.                469.                  0.                 469.
VESSELS       0.                   0.                  0.                  0.                  0.                   0.
RAILRD       16.                  41.                 44.                 31.                 47.                1247.
DIESEL       18.                  32.                234.                 47.                245.                1443.
OTHER         2.                   0.                  3.                  0.                  0.                 215.
AS 25MPH     50.                  30.              15099.               2617.               1506.              152145.
AS 45MPH     18.                  11.               3527.                684.                620.               53449.
OTHER       112.                   0.                330.                 26.                 13.               13200.
ADDPOL
   1          0.                   0.                  0.                  0.                  0.
   2          3.                  18.                  6.                  6.                  9.
   3          0.                   0.                  0.                  0.                  0.
   4          0.                   0.                  0.                  0.                  0.
   5          0.                   0.                  0.                  0.                  0.
   6          0.                   0.                  0.                  0.                  0.
   7          0.                   0.                  0.                  0.                  0.
   8          0.                   0.                  0.                  0.                  0.
   9          0.                   0.                  0.                  0.                  0.
  10          0.                   0.                  0.                  0.                  0.
  11          0.                   0.                  0.                  0.                  0.
  12          0.                   0.                  0.                  0.                  0.
  13          0.                   0.                  0.                  0.                  0.
  14          0.                   0.                  0.                  0.                  0.
  15          0.                   0.                  0.                  0.                  0.
```

```
SOURCE NUMBER   12 REGION NUMBER OUTPOLITICAL JURISDICTION 12 COUNTY NAME MORGAN   COORDINATES  X   0.0 Y   0.0 AREA   0.0
         |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |    HYDROCARBONS    | NITROUS OXIDES  |   FUEL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            3.              15.              20.               9.               2.             796.
OIL             3.              16.               1.               1.               3.             563.
NATL.GAS        5.               0.               5.               2.              19.             504.
COMMEIND
COAL           19.              42.              55.              13.               6.            2210.
RES.OIL         3.              35.               0.               0.               7.             218.
DIST.OIL        6.              45.               0.               1.              22.             750.
NATL.GAS        8.               0.               8.               3.              30.             798.
NON-PT
COAL          675.             580.              31.              15.             224.           30551.
RES.OIL         8.              98.               0.               1.              20.             470.
DIST.OIL        6.              54.               0.               1.              23.             753.
NATL.GAS        2.               0.               0.               5.              23.             265.
WOOD            9.               0.              16.               4.              31.            3644.
OPEN BRN      112.               7.             593.             209.              42.           13960.
INCINER         0.               0.               0.               0.               0.               0.
SOLVENT         0.               0.               0.             633.               0.             633.
VESSELS         0.               0.               0.               0.               0.               0.
RAILRD         22.              58.              62.              44.              67.            1778.
DIESEL         40.              71.             514.             103.             538.            3164.
OTHER           4.               0.              12.               1.               0.             478.
AS 25MPH       74.              45.           23958.            3877.            2232.          225435.
AS 45MPH       74.              45.           14879.            2886.            2615.          225435.
OTHER          83.               0.             245.              20.              16.            9808.
ADDPOL

   1            0.               0.               0.               0.               0.
   2            3.              18.               8.               6.               9.
   3            0.               0.               0.               0.               0.
   4            0.               0.               0.               0.               0.
   5            0.               0.               0.               0.               0.
   6            0.               0.               0.               0.               0.
   7            0.               0.               0.               0.               0.
   8            0.               0.               0.               0.               0.
   9            0.               0.               0.               0.               0.
  10            0.               0.               0.               0.               0.
  11            0.               0.               0.               0.               0.
  12            0.               0.               0.               0.               0.
  13            0.               0.               0.               0.               0.
  14            0.               0.               0.               0.               0.
  15            0.               0.               0.               0.               0.
```

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SOURCE NUMBER   13 REGION NUMBER OUTPOLITICAL JURISDICTION 13 COUNTY NAME WINSTON  COORDINATES  X   0.0 Y   0.0 AREA   0.0
         |   PARTICULATES    |  SULFUR OXIDES   |  CARBON MONOXIDE |    HYDROCARBONS    | NITROUS OXIDES  |   FUEL TOTAL    |
         |  ACTUAL | EXPECTED |  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL | EXPECTED|  ACTUAL |EXPECTED|
DOMESTIC
COAL            1.               7.               9.               2.               1.             347.
OIL             0.               1.               0.               0.               0.              36.
NATL.GAS        0.               0.               0.               0.               1.              22.
COMMEIND
COAL            1.               6.               8.               2.               1.             312.
RES.OIL         0.               4.               0.               0.               1.              26.
DIST.OIL        1.               6.               0.               0.               1.             105.
NATL.GAS        1.               0.               1.               0.               3.              81.
NON-PT
COAL          209.             176.               9.               5.              65.            4255.
RES.OIL         2.              30.               0.               0.               6.             201.
DIST.OIL        2.              16.               0.               0.               7.             228.
NATL.GAS        1.               0.               0.               2.               7.              80.
WOOD            3.               0.               3.               1.               6.             962.
OPEN BRN      140.               9.             745.             263.              53.           17520.
INCINER         0.               0.               0.               0.               0.               0.
SOLVENT         0.               0.               0.              97.               0.              97.
VESSELS         0.               0.               0.               0.               0.               0.
RAILRD          3.              12.              13.              10.              14.             383.
DIESEL          5.               9.              64.              13.              67.             349.
OTHER           2.               0.               4.               0.               0.             223.
AS 25MPH       13.               8.            4246.             699.             602.           40635.
AS 45MPH        5.               3.            1039.             202.             183.           15750.
OTHER         100.               0.             295.              24.              12.           11800.
ADDPOL

   1            0.               0.               0.               0.               0.
   2            0.               0.               0.               0.               0.
   3            0.               0.               0.               0.               0.
   4            0.               0.               0.               0.               0.
   5            0.               0.               0.               0.               0.
   6            0.               0.               0.               0.               0.
   7            0.               0.               0.               0.               0.
   8            0.               0.               0.               0.               0.
   9            0.               0.               0.               0.               0.
  10            0.               0.               0.               0.               0.
  11            0.               0.               0.               0.               0.
  12            0.               0.               0.               0.               0.
  13            0.               0.               0.               0.               0.
  14            0.               0.               0.               0.               0.
  15            0.               0.               0.               0.               0.
```

APPENDIX B

PROJECTED EMISSIONS FOR EXAMPLE REGIONS

This appendix presents the existing (1971) and future (1975 for Set 1 pollutants, 1977 for Set 2 pollutants) emissions for each pollutant analyzed in Section 4.0. These consist of:

Region 004

- Particulate Matter
- Carbon Monoxide
- Hydrocarbons

Region 005

- Sulfur Oxides
- Hydrocarbons

The data are categorized by major source type on a county-by-county basis.

REGION 004

	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
SOURCE TYPE	Existing	1975	Existing	1977	Existing	1977
BIBB (1)						
Fuel Combustion						
Wood Products	999	150	74	74	74	74
Industrial Processes						
Crushed Limestone	546	40	0	0	0	0
Minerals & Earths	519	62	0	0	0	0
Solid Waste						
Open Burning	353	0	161	0	13	0
Incineration	36	28	416	416	56	56
BLOUNT (2)	NO SOURCES					
CHILTON (3)						
Fuel Combustion	NONE					
Industrial Processes						
Minerals & Earths	450	58	0	0	0	0

REGION 004

	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
SOURCE TYPE	Existing	1975	Existing	1977	Existing	1977
Solid Waste						
Incineration	28	24	423	423	37	37
Open Burning	75	0	5	0	5	0
FAYETTE (4)						
Fuel Combustion						
Asphalt Batching	4	4	1	1	0	0
Industrial Processes						
Dimension Stone	75	42	0	0	0	0
Asphalt Batching	2660	48	0	0	0	0
Asphalt Felts&Coatings	0	0	0	0	356	356
Cement Manufacturing	3534	115	0	0	0	0
Solid Waste						
Incineration	57	17	169	169	14	14

REGION 004

SOURCE TYPE	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
	Existing	1975	Existing	1977	Existing	1977
GREENE (5)						
Fuel Combustion						
Electric Companies	3082	3082	683	683	205	205
Industrial Processes	325	27				
Solid Waste						
Incineration	7	5	130	130	11	1
HALE (6)						
Fuel Combustion	NONE					
Industrial Processes	NONE					
Solid Waste						
Incineration	110	56	1435	1435	121	121
JEFFERSON (7)						
Fuel Combustion						
Sawmills	450	19	30	30	38	38
Industrial Chemicals	125	27	55	55	23	23

REGION 004

SOURCE TYPE	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
	Existing	1975	Existing	1977	Existing	1977
Mineral Wool	3	3	0	0	4	4
Iron & Steel Mills	9412	424	86	86	319	319
Electrometall. Prod.	2248	43	11	11	10	10
Gray Iron Foundries	23	23	15	15	23	23
Fab. Structural Steel	6	6	0	0	13	13
Aircraft Manufacture	37	14	3	3	3	3
Steam Supply	10	10	0	0	11	11
Industrial Processes						
Bituminous Coal Mining	0	0	0	0	12000	12000
Crushed Limestone	1300	96	0	0	0	0
Industrial Chemicals	50	37	0	0	0	0
Fertilizers	12	12	0	0	0	0
Chemicals, General	89	0	0	0	0	0
Asphalt Batching	55	55	0	0	0	0
Cement Manufacture	66790	633	0	0	0	0
Clay Refractories	1433	132	0	0	0	0
Ready-Mixed Concrete	181	69	0	0	0	0

REGION 004	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
SOURCE TYPE	Existing	1975	Existing	1977	Existing	1977
Minerals & Earths	1382	297	0	0	0	0
Mineral Wool	3406	119	0	0	0	0
Iron & Steel Mills	52382	2157	6344	6344	10266	10266
Electrometall. Prod.	912	22	0	0	0	0
Gray Iron Foundries	9460	641	80727	0	418	418
Steel Foundries	388	83	0	0	0	0
Second. Smelting & Refining(Non-Ferrous)	165	7	0	0	0	0
Non-Ferrous Castings	868	11	0	0	0	0
Metal Fasteners(Bolts Nuts,Screws,etc.)	52	17	0	0	0	0
Coating & Engraving	0	0	0	0	48	48
Petro. & Petro. Prod.	22	22	0	0	6126	256
Solid Waste						
Open Burning	24	0	127	0	46	0
LAMAR (8)						
Fuel Combustion	NONE					
Industrial Processes	NONE					

REGION 004

SOURCE TYPE	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
	Existing	1975	Existing	1977	Existing	1977
Solid Waste						
Incineration	32	23	582	582	50	50
Open Burning	35	0	103	0	8	0
PICKENS (9)						
Fuel Combustion						
Sawmills	227	34	17	17	17	17
Natural Gas Co.	9	9	0	0	24	24
Industrial Processes						
Household Appl. Mfg.	0	0	0	0	100	100
Solid Waste						
Incineration	336	158	3206	3206	269	269
ST. CLAIR (10)						
Fuel Combustion	NONE					
Industrial Processes						
Cement Manufacture	2800	108	0	0	0	0

REGION 004

	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
SOURCE TYPE	Existing	1975	Existing	1977	Existing	1977
Asbestos Products	6	6	0	0	0	0
Solid Waste	NONE					
SHELBY (11)						
Fuel Combustion						
Electric Companies	17820	4010	1638	1638	492	492
Industrial Processes						
Lime Production	16802	465	0	0	0	0
Gray Iron Foundries	14	8	205	0	0	0
Cement Manufacture	9600	219	44	44	0	0
Steel Foundries	539	61	0	0	0	0
Solid Waste	NONE					
SUMTER (12)						
Fuel Combustion						
Wood Products	167	54	11	11	16	16

REGION 004

SOURCE TYPE	EMISSIONS (tons/year)					
	Particulate		Carbon Monoxide		Hydrocarbons	
	Existing	1975	Existing	1977	Existing	1977
Industrial Processes						
Crushed Limestone	50	50	0	0	0	0
Minerals & Earths	87	57	0	0	0	0
Solid Waste						
Incineration	131	32	346	346	37	37
Open Burning	247	0	725	0	58	0
TUSCALOOSA (13)						
Fuel Combustion						
Hardwood Dimension & Flooring	83	12	6	6	6	6
Kraft Pulp Mills	7488	43	340	340	347	347
Asphalt Batching	5	5	0	0	6	6
Industrial Processes						
Kraft Pulp Mills	8382	178	12190	12190	0	0
Industrial Chemicals	0	0	0	0	0	0
Asphalt Batching	368	19	0	0	0	0
Gray Iron Foundries	3541	93	52521	0	0	0

REGION 004

SOURCE TYPE	EMISSIONS (tons/year) Particulate Existing	Particulate 1975	Carbon Monoxide Existing	Carbon Monoxide 1977	Hydrocarbons Existing	Hydrocarbons 1977
Solid Waste	NONE					
WALKER (14)						
Fuel Combustion						
Electric Companies	56827	3230	930	930	279	279
Industrial Processes	NONE					
Solid Waste	NONE					

REGION 005

SOURCE TYPE	EMISSIONS (tons/year) Sulfur Dioxide Existing	Sulfur Dioxide 1975	Hydrocarbons Existing	Hydrocarbons 1977
BALDWIN (1)				
Fuel Combustion				
Surface active agents	3	3	40	40
Industrial Processes				
Soybean oil mills	0	0	0	0
Wood products	0	0	2625	2625
Surface active agents	6	6	346	346
Gray iron foundries	0	0	0	0
Solid Waste				
Open burning	0	0	15	0
ESCAMBIA (2)				
Fuel Combustion				
Textile goods	0	0	4	4
Wood products	6	6	7	7
Kraft pulp mills	194	194	358	358

REGION 005

SOURCE TYPE	EMISSIONS (tons/year) Sulfur Dioxide Existing	Sulfur Dioxide 1975	Hydrocarbons Existing	Hydrocarbons 1977
ESCAMBIA (Cont'd) Industrial Processes				
Kraft pulp mills	169	169	0	0
Gray iron foundries	0	0	0	0
Solid Waste				
Incineration	0	0	28	28
Open burning	0	0	14	0
MOBILE (3)				
Fuel Combustion				
Animal feed	0	0	8	8
Sawmills	20	20	20	20
Kraft pulp mills	12702	12702	1462	1462
Industrial chemicals	0	0	6	6
Plastics	0	0	28	28
Asphalt felts & coatings	1	1	49	49
Primary smelting non-ferrous metals	24	24	11	11
Internal combustion engine mfg.	0	0	22	22

REGION 005

SOURCE TYPE	EMISSIONS (tons/year) Sulfur Dioxide Existing	EMISSIONS (tons/year) Sulfur Dioxide 1975	EMISSIONS (tons/year) Hydrocarbons Existing	EMISSIONS (tons/year) Hydrocarbons 1977
MOBILE (Cont'd)				
General industrial machinery & eqpt.	172	172	2	2
Electric companies	170191	69178	387	387
Services not elsewhere classified	141	141	759	759
Industrial Processes				
Animal feed	0	0	0	0
Wood furniture	0	0	409	409
Wood products	0	0	211	211
Kraft pulp mills	1211	1211	0	0
Building paper & building board mills	0	0	0	0
Chemicals	6967	2196	0	0
Plastics	1650	1650	0	0
Paints, varnishes & allied products	0	0	45	45
Asphalt batching	0	0	14	14
Asphalt felts & coatings	0	0	33	33
Ready-mixed concrete	0	0	0	0
Electrometallurgical products	0	0	0	0

REGION 005

SOURCE TYPE	EMISSIONS (tons/year)			
	Sulfur Dioxide		Hydrocarbons	
	Existing	1975	Existing	1977
MOBILE (Cont'd)				
Steel foundries	0	0	0	0
Primary smelting non-ferrous metals	4	4	0	0
Internal combustion engine mfg.	0	0	27	27
Petroleum & petroleum products	0	0	7257	6894
Non-classified establishments	0	0	0	0
Solid Waste				
Incineration	2	2	237	237
Open burning	3	0	80	0